

**KEMENTERIAN TENAGA, SAINS, TEKNOLOGI, ALAM SEKITAR DAN PERUBAHAN IKLIM**

Bil	Berita	Media	Capaian Berita Penuh
1.	<u>Malaysia bakal dilanda jerebu</u>	Sinar Harian	Rujuk Lampiran 1
2.	<u>Pupuk minat sains</u>	Utusan Malaysia	Rujuk Lampiran 2



TEMPATAN

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Bil	Berita	Media	Capaian Berita Penuh
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LAMPIRAN 1
 SINAR HARIAN (NASIONAL): MUKA SURAT 14
 TARIKH: 1 OGOS 2019 (KHAMIS)

Malaysia bakal dilanda jerebu

Bermula hari ini disebabkan kebakaran hutan yang berlaku di Sumatera, Indonesia

MOHD HAFIZ ISMAIL

SHAH ALAM



Malaysia dijangka berdepan jerebu ekoran kebakaran hutan yang sedang berlaku di Riau, Indonesia.

Jabatan Meteorologi mendedahkan Malaysia bakal berdepan dengan pencemaran udara atau jerebu bermula hari ini disebabkan oleh kebakaran hutan yang berlaku di Sumatera, Indonesia.

Timbalan Ketua Pengarah (Operasi) Jabatan Meteorologi Malaysia, Muhammad Helmi Abdullah berkata, Sumatera terletak di barat daya Malaysia dan pergerakan

angin ke Malaysia adalah dari arah tersebut.

Menurutnya, tiupan angin itu juga dipengaruhi oleh faktor tekanan angin rendah di Laut China Selatan.

"Setakat ini kita mendapati beberapa kawasan di Lembah Klang seperti Selangor, Kuala Lumpur

dan Putrajaya telah terkesan. Jika dilihat kepada keadaan cuaca pagi tadi (semalam) ada sedikit jerebu.

"Berdasarkan kepada stesen kami di Petaling Jaya, Subang, Lapangan Terbang Antarabangsa Kuala Lumpur (KLIA) dan Negeri Sembilan di Kuala Pilah menunjukkan kadar ketampakan menu-

run. Semalam (kelmarin) ada satu titik panas di Pahang," katanya kepada *Sinar Harian* di sini semalam.

Beliau berkata, berdasarkan laporan, terdapat kira-kira 32 titik panas di Sumatera akibat kebakaran yang bakal mempengaruhi kadar pencemaran udara di Ma-

laysia.

"Saya jangkakan Malaysia akan mengalami jerebu bagi tempoh seminggu bermula hari ini.

"Selagi kebakaran tidak berjaya dipadamkan, kita akan terus menerima kesan ini atas beberapa faktor utama iaitu arah tiupan angin," katanya.

Justeru, beliau menasihati orang ramai supaya mengurangkan aktiviti luar rumah sekiranya kadar pencemaran udara tinggi kerana memberi kesan kepada kesihatan.

"Ikuti pengumuman yang dibuat pihak berkaitan perkara ini dari masa ke semasa bagi mendapatkan maklumat lanjut," katanya.

Sementara itu tinjauan *Sinar Harian* di laman sesawang Jabatan Alam Sekitar mendapati indeks pencemaran udara (IPU) di Malaysia setakat jam 5 petang semalam, kebanyakan kawasan masih berada pada kadar sederhana.



LAMPIRAN 2 UTUSAN MALAYSIA (MEGA SAINS): MUKA SURAT 30 TARIKH: 1 OGOS 2019 (KHAMIS)



Pupuk minat sains



Di oleh LAUPA JUNUS
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MINGGU Sains Negara (MSN) kembali lagi dengan fasa dua yang akan melibatkan negeri-negeri yang tidak mengadakan sambutan seperti fasa satu sebelum ini iaitu pada 1 hingga 7 April lalu.

Fasa dua melibatkan Wilayah Persekutuan (Pusat Sains Negara dan Planetarium Negara), Terengganu, Sabah, dan Sarawak serta Pusat Sains Negara Cawangan Wilayah Jitra, Kedah.

Penganjuran fasa satu mendapat sambutan meriah dengan jumlah keseluruhan pengunjung yang dicatat di empat buah negeri adalah 201,311 orang.

MSN penting sebagai pemacu kepada usaha menyuburkan bidang sains di negara ini

Ini kerana pembangunan negara memerlukan kepada penggunaan sains dan teknologi. Justeru, adalah sangat penting untuk menyepadukan ilmu sains dan teknologi dengan sains sosial dalam



GENERASI muda perlu didedahkan dengan subjek sains bagi memupuk minat dan kecintaan terhadap bidang tersebut. - GAMBAR HIASAN.

membincangkan isu berkaitan teknologi dan kesannya terhadap kelestarian persekitaran dan masyarakat.

Apatah lagi semua sudah memperkatakan Revolusi Industri 4.0 yang menuntut pembaharuan atau penemuan pelbagai teknologi dalam bidang seperti robotik automasi, penjana kuasa elektrik, kepintaran buatan (AI), *virtual reality*, *augmented reality* dan sebagainya lantas

mengekalkan kelangsungan hidup dan menyemarakkan keamanan dan kesejahteraan rakyat.

Perdana Menteri, Tun Dr. Mahathir Mohamad yang merasmikan MSN pada 2 April lalu di Pusat Sains Negara berkata, program tersebut diadakan sebagai salah satu usaha untuk mendekatkan masyarakat dengan dunia sains.

"Dari sini ia diharapkan dapat meningkatkan kesedaran orang ramai mengenai kepentingan dan sumbangan yang mampu diperolehi

daripada sains," ujarnya.

Kementerian Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim (MESTECC) yang menyelaras MSN di seluruh negara setiap tahun menyatakan bahawa ia penting sebagai salah satu inisiatif sains kebangsaan. MSN diadakan berdasarkan



ISNARAISSAH MUNIRAH MAJLIS

keputusan Jemaah Menteri pada 13 Disember 2017.

Pelbagai program dirancang serta akan dilaksanakan dalam fasa dua dan tumpuan utama atau *signature* program bagi setiap negeri adalah kempen kesedaran berkaitan hindari plastik sekali guna dan kempen kesedaran berkaitan penjagaan alam sekitar.

Ini kerana bencana pencemaran kimia yang dilaporkan baru-baru ini memberi cerminan jelas bahawa tahap kesedaran masyarakat di pelbagai peringkat masih berada pada tahap yang sangat rendah dan membimbangkan.

Di samping *signature* program itu, setiap negeri juga akan melaksanakan pelbagai *signature event* yang kebanyakannya adalah hasil

kerjasama jalinan strategik antara pertubuhan bukan kerajaan (NGO) dan institusi pengajian tinggi (IPT).

Timbalan Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, **Isnaraissah Munirah Majlis** berkata, MSN merupakan salah satu inisiatif kerajaan bagi meningkatkan

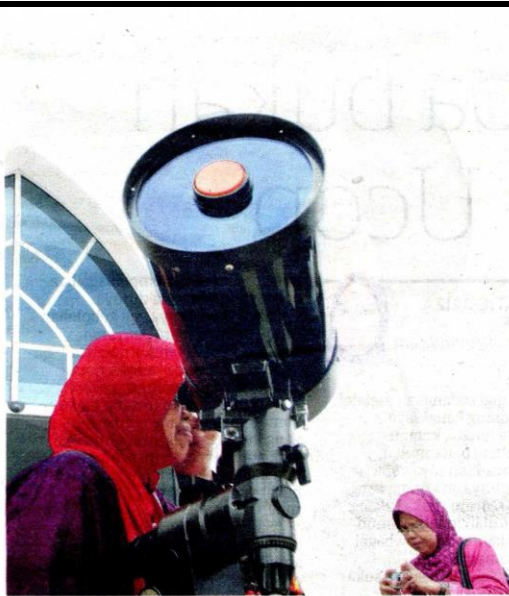
minat dan kesedaran masyarakat tentang



MITC (Kiri). Planetarium Melaka dan Dewan Warisan Kangar, Perlis (kanan) antara lokasi yang akan menjadi tumpuan pengunjung sempena Minggu Sains Negara fasa dua.



LAMPIRAN 2 (samb.) UTUSAN MALAYSIA (MEGA SAINS): MUKA SURAT 31 TARIKH: 1 OGOS 2019 (KHAMIS)



JOM Teropong Angkasa antara aktiviti yang dijangka menjadi tumpuan di MITC, Ayer Keroh, Melaka.

kepentingan sains, teknologi dan inovasi (STI) yang bersifat dinamik, seiring dengan perubahan masa.

"Menyadari bahawa STI merupakan asas penggerak untuk mencorakkan landskap sosioekonomi negara, maka adalah penting STI diperkukuh dan diurusperandakan ke semua sektor dan peringkat dalam agenda pembangunan negara," ujar beliau.

Katanya, tema Sains Untuk Kesejahteraan dipilih bagi menunjukkan betapa sains dan teknologi memberi kesan yang besar terhadap kelestarian alam sekitar dan masyarakat.

Pembangunan negara yang mapan memerlukan sains dan teknologi, justeru adalah sangat penting untuk sains dan teknologi disepadukan dengan sains sosial dalam membincangkan isu berkaitan teknologi dan kesannya terhadap kelestarian persekitaran dan masyarakat.

"MSN adalah bukti kerajaan komited menjadikannya sebagai salah satu platform menyedai masyarakat untuk menghadapi cabaran IR 4.0," ujar beliau lagi.

Kementerian berkenaan menyasarkan penglibatan dan penyertaan kira-kira satu juta penduduk daripada pelbagai lapisan masyarakat terutama pelajar, pendidik dan saintis, belia, NGO serta sektor awam dan swasta.

Antara sebab MESTECC menyasarkan pelajar adalah kerana cabaran IR 4.0 menuntut pembaharuan atau penemuan pelbagai teknologi dalam bidang seperti robotik automasi, penjanaan kuasa

elektrik, kepintaran buatan (AI), realiti maya (*virtual reality*), *augmented reality* dan sebagainya.

Justeru MSN penting sebagai satu platform bagi MESTECC mendukung usaha kerajaan untuk melahirkan lebih ramai saintis dan penyelidik pada masa hadapan.

MSN fasa dua dirasmikan Raja Muda Perlis, Tanju Syed Faizuddin Putra Jamalullail di Dewan Warisan Kangar, Perlis malam ini.

MESTECC ANJUR PERTANDINGAN VIDEO

Dalam pada itu, sejajar dengan aspirasi MSN 2019 iaitu bagi meningkatkan penglibatan rakyat khususnya pelajar sekolah dalam program dan aktiviti berteraskan STI, MESTECC mengadakan Pertandingan Video Pendek dan Laporan Aktiviti Minggu Sains Negara Peringkat Sekolah dengan tema Sains Untuk Kesejahteraan.

Syarat pertandingan dan format pelaporan program atau aktiviti boleh dimuat turun menerusi laman sesawang kementerian berkenaan.

Format pelaporan program atau aktiviti perlu diisi oleh sekolah dan dihantar kepada urus setia MSN 2019 melalui e-mel seksyenpembudayaan@mestec.gov.my sebelum atau pada 31 Ogos ini.

Sebarang pertanyaan sila hubungi Muhammad Fauzi Samsubaha melalui talian 03-8885 8148 atau e-mel mfauzi@mestec.gov.my

INFO MINGGU SAINS NEGARA

- Minggu Sains Negara merupakan salah satu daripada inisiatif MESTECC dalam usaha memupuk minat masyarakat terhadap ilmu sains.
- Platform untuk menyemarakkan dan membudayakan sains, teknologi dan inovasi (STI) di pelbagai peringkat dan penglibatan semua yang terlibat.
- Memberi kesedaran kepada rakyat betapa pentingnya STI dalam menjana pertumbuhan ekonomi dan menjadikan Malaysia sebuah negara maju.

OBJEKTIF PENGANJURAN MSN

- Meningkatkan kesedaran masyarakat terhadap kepentingan STI dalam kehidupan seharian;
- Menarik minat dan meningkatkan bilangan pelajar yang memilih jurusan Sains, Teknologi Kejuruteraan dan Matematik (STEM) selaras dengan agenda STEM.
- Menghargai dan mengiktiraf sumbangan dan kejayaan dalam bidang sains.
- Fasa kedua MSN dilaksanakan pada 2 hingga 8 Ogos 2019 di Johor, Melaka, Negeri Sembilan, Pahang, Perlis, Kedah, Perak, Kelantan, Selangor dan Pulau Pinang.

AKTIVITI MSN MENGIKUT NEGERI

- Penganjur: Akademi Sains Malaysia, Johor
Tarikh: 15 Julai sehingga 15 Ogos 2019.
Antara program:
 - *Plogging Run* MSN Johor pada 3 Ogos 2019;
 - Malam Astronomic pada 3 Ogos 2019;
 - Karnival Sains pada 3 dan 4 Ogos 2019; dan
 - Pelancaran Majlis Sains, Teknologi dan Inovasi Johor (JOSTIC) pada 4 Ogos 2019.
- Penganjur: Agensi Nuklear Malaysia, Negeri Sembilan
Tarikh: 15 Julai hingga 15 Ogos 2019

Antara program:

- *Science Show Matter that Matter* - Pameran sains menggunakan cecair nitrogen di Stadium Nilai, pada 1 hingga 4 Ogos 2019;
- Eksperimen Makmal : *Mr. Gamma & You!* - Pemantauan radiasi di sekolah-sekolah terpilih di semua daerah Negeri Sembilan (Jejebu, Jempol, Port Dickson, Kuala Pilah, Rembau, Seremban dan Tampin) pada 15 Julai hingga 15 Ogos 2019.
- *Nuclear BFF* di sekolah Program Pendidikan Khas Integrasi (PPKI) daerah Jempol dan Jejebu pada 15 Julai hingga 15 Ogos 2019 - fokus kepada pelajar pendidikan khas.

● Penganjur: Jabatan Alam Sekitar, Perlis
Tarikh: 26 Julai hingga 4 Ogos 2019

Antara program:

- Kempen Pengumpulan Buangan Elektrik Elektronik, Dewan Warisan, Kangar pada 1 hingga 4 Ogos 2019.
- Kem Kesedaran Alam Sekitar (KekAS), Pulau Tuba, Langkawi pada 26 hingga 28 Julai 2019.
- *Boat plogging* di Kuala Sungai Perlis, Kangar.
- Majlis Perasmian Pembukaan MSN Perlis di Dewan Warisan, Kangar pada 1 Ogos 2019.

● Penganjur: Sustainable Energy Development Authority Malaysia (SEDA), Selangor
Tarikh: 3 dan 4 Ogos 2019

- Antara program:
- Karnival MSN 2019 @ Selangor
 - *STEM Pioneer Video Series*
 - Hari Terbuka SEDA 2019

● Penganjur: Yayasan Hijau Malaysia (YaHijau), Kedah
Tarikh: 2 hingga 4 Ogos 2019

- Antara program:
- *Plogging Run* bertempat di Riverfront City, Sungai Petani, Kuala Muda pada 4 Ogos 2019;
 - *Green Guardian Mobile* di Riverfront City, Sungai Petani, Kuala Muda pada 3 hingga 4 Ogos 2019; dan
 - Zumba atau Senamrobik di Riverfront City, Sungai

Petani, Kuala Muda pada 2 hingga 4 Ogos 2019

● Penganjur *Malaysian Space Agencies (MySA)*, Melaka
Tarikh: 6 hingga 17 Ogos 2019.

Antara program:

- Pertandingan Geocaching Melaka Bersejarah di Pusat Perdagangan Antarabangsa Melaka (MITC) pada 17 Ogos 2019.

➤ Jom Teropong Angkasa di MITC pada 15 hingga 16 Ogos 2019.

➤ Seronoknya Sains bersama Ikon di MITC pada 16 hingga 17 Ogos 2019.

● Penganjur: Malaysian Technology Development Corporation (MTDC), Kelantan
Tarikh: 1 Julai hingga 19 Ogos 2019

Antara program:

- Cabaran Robot, Dewan Jubli Perak, pada 15 hingga 19 Ogos 2019.
- Cabaran dron, Dewan Jubli Perak pada 1 Julai hingga 19 Ogos 2019.
- Dikir Sains, Dewan Jubli Perak pada 17 hingga 19 Ogos 2019.

● Penganjur: Institut Kebangsaan Bioteknologi Malaysia (NIBM) Pulau Pinang
Tarikh: 18 hingga 24 Ogos 2019

Antarannya program:

- *Amazing Race* (Pencarian Harta Karun di Batu Feringgi).
- Pertandingan Inovasi, Sains dan Teknologi.
- Karnival Sains dan Aktiviti Sekolah.

● Penganjur: Lembaga Pelesenan Tenaga Atom (LPTA), Perak
Tarikh: 23 hingga 25 Ogos 2019

Antara program:

- *Plogging Run for Health & Environment* di Padang Ipoh pada 24 Ogos 2019.
- *5 minutes Science / SocMed Science* di Aeon Station 18, Ipoh.
- Forum Sains dan Agama di Jabatan Belia dan Sukan Ipoh pada 23 Ogos 2019.

LAMPIRAN 3
HARIAN METRO (BISNES): MUKA SURAT 38
TARIKH: 1 OGOS 2019 (KHAMIS)

Sasar tubuh hab robotik

Kerajaan melalui Kementerian Perdagangan Antarabangsa dan Industri (MITI) dan agensinya, Institut Automotif, Robotik dan IoT Malaysia (MARii) menasaskan untuk menubuhkan hab robotik pada akhir tahun.

Ketua Pegawai Eksekutif MARii, Datuk Madani Sahari berkata, hab itu akan mempromosikan pembangunan robotik dari segi perkakasan dan perisian, termasuk 'back-end' dan antara muka hingga aplikasi robotik.



MADANI (dua dari kanan) melawat ruang pameran Logisware Malaysia 2019 di Pusat Konvensyen Setia City, Setia Alam, semalam.



LAMPIRAN 4
THE STAR (NATION): MUKA SURAT 6
TARIKH: 1 OGOS 2019 (KHAMIS)

Ministry to enforce rules on waste separation

By SIM LEOI LEOI
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PETALING JAYA: All industries, commercial organisations and institutions must separate their waste beginning next month or risk a fine, while those in the informal sector such as scavengers will be required to register with the National Solid Waste Management Department.

This move is to enable higher recycling rates as separation at source allows for easier sorting and subsequent treatment.

Housing and Local Government Ministry secretary-general Datuk Seri Mohammad Mentek said previously, waste separation at source did not look at industries, commercial organisations and institutions.

"But recently, we have enforced a new regulation to enforce separation at source within these three sectors next month," he told reporters after launching the Fifth Waste Management Association of Malaysia here.

By involving these sectors, Mohammad said the ministry believed that it could increase the rate of separation of waste at source as well as improve the national recycling rate, which is now around 28%.

"Our target is 30% by next year. By having

these sectors on board, we believe we can even go beyond 30% by next year," he said.

Asked whether those in the sectors above would be fined if they failed to comply, Mentek said: "They will be fined subject to regulations under the Act (672)."

Also known as the Solid Waste and Public Cleansing Management Act 2007, Act 672 is applicable to the relevant sectors in Perlis, Kedah, Kuala Lumpur, Putrajaya, Negri Sembilan, Melaka, Johor and Pahang.

Act 672 has provisions to fine households that fail to separate their waste, with the fine for the first offence at RM50 for a landed property, and RM100 for premises like shoplots, although this has never been enforced.

Mohammad said there were also other states which had expressed interest in adopting Act 672, adding if this was done, there could be at least a standardisation of solid waste management practices and enforcement, other than awareness programmes.

"As far as plastic (waste) is concerned, the issue is now because the main port of entry is Klang, which is Selangor, which doesn't adopt Act 672, and of course, Penang.

"But even though we cannot enforce (laws against these illegal recyclers), there are other agencies that can take action," he said.

LAMPIRAN 5
THE STAR (NATION): MUKA SURAT 14
TARIKH: 1 OGOS 2019 (KHAMIS)

No more illegal plastic factories

Selangor to come down hard on unlawful operations

By BRENDA CH'NG
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PETALING JAYA: Six illegal plastic recycling factories in Ijok have been shut down since early July, says Hee Loy Sian.

The Environment, Green Technology and Consumer Affairs Committee chairman said the move showed that the Selangor government was serious in clamping down on such activities.

"There will be no compromise for operators of illegal plastic factories and stern action will be taken against them," he said in replying to a question at the state assembly sitting yesterday.

Ijok assemblyman Dr Idris Ahmad had asked about the steps taken by the state government to tackle the issue of illegal plastic factories.

Hee said during another joint operation, the authorities inspected a total of 10 premises in Ijok, Bestari Jaya and Jeram.

"Nine of the premises had their electricity and water cut," he said.

However, Idris argued that despite stern action taken, illegal plastic factories were still operat-

ing and that the owners were not afraid of enforcement.

"The problem is far from being resolved. Despite cutting the electricity and water supply or issuing fines, these factories are still operating and posing a health risk to the people in the vicinity," said Idris.

He added that due to the burning of plastic, it resulted in air pollution.

"Plastic is piling up everywhere and becomes a potential mosquito breeding ground.

"Ijok is one of the hotspots for dengue fever as a result," he said.

To this, Hee pointed out that a number of compounds could be issued based on the offences such as a RM1,000 fine if unlicensed, a RM25,000 fine for failure to produce an approved building plan and that the land office could also seize the land for wrongful use.

He said offenders could also be slapped with a fine of up to RM100,000 or up to five years' jail if these factories were found to be causing pollution.

Hee said they would work closely with the Kuala Selangor district council to identify such sites.



LAMPIRAN 6
THE STAR (NATION): MUKA SURAT 10
TARIKH: 1 OGOS 2019 (KHAMIS)

VTAR students better equipped for the future



Tools for tomorrow: Wee (centre) admiring the 3D printers gifted by IME to VTAR Institute as (from left) Lau, Tan and MCA member Leong Kim Soon look on.

3D design software to nurture innovation

By ASHLEY TANG
newsdesk@thestar.com.my

KUALA LUMPUR: VTAR Institute has signed a memorandum of understanding (MoU) with IME Technology for the latter to provide 3D design software to better equip students with the necessary skills to meet the demands of the Fourth Industrial Revolution (IR4.0).

"Working with IME will allow VTAR to upgrade its training programme by using Solidworks, a 3D computer-aided design software which is an innovative learning tool for product design and development that is easy to teach and learn. It is also exciting to use.

"With Solidworks, VTAR students, especially those in furniture and electronic courses, will be trained and equipped with the necessary skills to work in the IR4.0 environment," said MCA president Datuk Seri Dr Wee Ka Siong, who was the guest of honour at the MoU signing ceremony here yesterday.

He also said that with the new technology and software, VTAR would be able to produce graduates who would be better accepted in the market, adding that people would be left behind if they did not adapt to IR4.0.

"This is the trend because we know that over the next six years, we want to increase high-skilled workers from 18% to 35% of the workforce in Malaysia.

"That means there is a 17% vacuum that we need to fill. I hope that VTAR can improve its efforts to ensure that we are still competitive in the world," Dr Wee said.

Previously known as the Kojadi Institute, the institute rebranded itself as VTAR in 2015 with the aim of taking in more students and offering more diversified vocational courses.

VTAR Institute chief executive officer Tan Cheng Liang said Malaysia was currently facing a critical shortage of skilled workers, with high skilled workers only at 18% of the workforce, while semi-skilled and low-skilled workers were at 75% and 7% respectively.

Tan added that with the software, the institute would be able to train not only furniture technology students, but also those in engineering, electronics and bakery.

With the collaboration, she hoped that VTAR could play a role in helping the country build and upskill students, as well as industry players so that they are able to meet the needs of the industrial sector.

Meanwhile, IME Technology sales director Lau Chee Wei said he was happy that the software provided would help VTAR students express their creativity and come up with innovations.

IME also gifted VTAR with two 3D printers to give students the opportunity to create their own products.



LAMPIRAN 7
KOSMO! (DALAM NEGARA): MUKA SURAT 14
TARIKH: 1 OGOS 2019 (KHAMIS)

Kerajaan negeri belum terima laporan pencemaran Sungai Selangor

SHAH ALAM – Kerajaan Selangor belum menerima laporan daripada polis berhubung insiden pencemaran Sungai Selangor baru-baru ini.

Menteri Besar, Amirudin Shari berkata, pihaknya akan menunggu laporan itu sebelum mengambil apa-apa tindakan terhadap pihak yang terlibat.

“Setakat ini, kami belum terima lagi laporan itu. Seperti yang saya maklumkan sebelum ini, mengikut mata kasar saya, pencemaran itu lebih kepada kecuaiian dan bukan disabotaj.

“Kami akan ambil tindakan, tidak kira individu mahupun syarikat yang bertanggungjawab terhadap pencemaran sungai ini,” katanya kepada pemberita di lobi Dewan Undangan Negeri Selangor di sini semalam.

Beliau berkata demikian ketika diminta mengulas kenyataan Ketua Polis Negara, Datuk Seri Abdul Hamid Bador pada Isnin lalu yang menyen-



AMIRUDIN



BEBERAPA kawasan di Selangor dan Kuala Lumpur mengalami gangguan bekalan air selepas berlaku pencemaran bau sumber air mentah Sungai Selangor pada 21 Julai lalu.
– Gambar hiasan



takan tiada unsur sabotaj sebaliknya kecuaiian dalam insiden pencemaran sungai tersebut.

Pada 21 Julai lalu, pencemaran diesel di Sungai Selangor mengakibatkan Loji Rawatan Air (LRA) Sungai Selangor Fasa 1, Fasa 2 dan Fasa 3 serta

LRA Rantau Panjang dekat sini terpaksa dihenti tugas yang menyebabkan gangguan bekalan air di wilayah Kuala Lumpur, Petaling, Klang, Shah Alam, Kuala Selangor, Hulu Selangor, Gombak dan Kuala Langat.

Insiden itu berlaku di lokasi kerja pengorekan pasir oleh kontraktor berlesen yang tidak lagi beroperasi sejak kira-kira dua bulan lalu.
– Bernama



LAMPIRAN 8
BERITA HARIAN (NATIONAL): MUKA SURAT 11
TARIKH: 1 OGOS 2019 (KHAMIS)

Green Agua Bin juara KIKHB PTSB 2019

Kuala Lumpur: Seramai 63 kakitangan Politeknik Tuanku Sultanah Bahiyah (PTSB) menyertai Pertandingan Konvensyen Inovatif Kreatif Horizon Baharu 2019 (KIKHB'19) peringkat PTSB, baru-baru ini.

Konvensyen yang disertai oleh pelbagai jabatan itu bertujuan memberi peluang kepada peserta untuk menghasilkan dan mempamerkan segala bentuk projek inovasi melalui pembentangan serta pameran kepada semua warga PTSB dan komuniti.

Timbalan Pengarah Akademik PTSB, Mohd Zamre Ab Rahman, berkata matlamat KIKHB PTSB 2019 untuk mengetengahkan segala projek inovasi yang dihasilkan.

Katanya, konvensyen itu juga bertujuan untuk mempertingkatkan pengetahuan dan kemahiran peserta dalam menyelesaikan masalah kajian akademik secara saintifik serta sistematik, sekali gus dapat membantu melahirkan graduan

yang kompeten.

"Ia selari dengan huraian tahap kelayakan yang digariskan dalam Kerangka Kelayakan Malaysia bagi tahap menghasilkan graduan diploma di politeknik supaya menggunakan pengetahuan, kefahaman dan kemahiran praktikal dalam kerja serta mampu membuat penilaian dan keputusan dengan mengambil kira isu sosial, saintifik serta etika dengan autonomi sederhana," katanya.

Sempena KIKHB PTSB 2019, Kumpulan Agua yang mempertaruhkan projek Green Agua Bin dipilih sebagai pemenang utama yang membawa pulang Piala Pusingan Pengarah dan mewakili PTSB ke Konvensyen Inovatif Kreatif Politeknik Malaysia yang akan berlangsung pada 5 hingga 8 Ogos ini.

Majlis perasmian penutupan dan penyampaian hadiah disempurnakan oleh Pengarah PTSB, Leftenan Kolonel Bersekutu (Pertahanan Awam),



Yusma (depan, tengah) bergambar bersama peserta KIKHB 2019.

Yusma Yusof.

Ketua Projek Green Agua Bin, Maslina Suleiman, berkata produk inovasi itu dihasilkan untuk menangani masalah sampah terapung di dalam air dengan menggunakan kaedah sedutan.

Katanya, ujian sudah dijalankan di Taman Tasik Putra Kulim dengan kerjasama Majlis

Perbandaran Kulim memandangkan tasik bekas tapak lombong itu terletak di tengah bandar dan sudah dikomersialkan sebagai kawasan rekreasi.

"Kawasan taman tasik itu menjadi tumpuan orang ramai untuk melakukan pelbagai aktiviti bersama-sama keluarga menyebabkan banyak gerai dan pusat perniagaan beroperasi

di situ bagi tujuan menjana ekonomi.

"Kesannya banyak sampah terutama plastik sisa makanan mencemarkan kawasan sekitarnya termasuk jatuh ke dalam tasik, justeru Green Agua Bin direka cipta untuk menyedut sampah berkenaan, sekali gus menangani masalah sampah terapung," katanya.



LAMPIRAN 9
THE SUN (SUNBIZ): MUKA SURAT 10
TARIKH: 1 OGOS 2019 (KHAMIS)

S&P affirms TNB's BBB+ rating

► Power company's proposed reorganisation will result in two new wholly owned subsidiaries for its retail and generation businesses

PETALING JAYA: S&P Global Ratings affirmed its 'BBB+' rating on Tenaga Nasional Bhd (TNB) following the latter's proposed reorganisation, which will result in two new wholly owned subsidiaries for its retail and generation business except for its transmission and distribution assets.

According to the ratings agency, the proposed reorganisation will have no material impact on TNB's credit profile, based on its assessment of the company and all its subsidiaries on a consolidated basis.

"We expect TNB's financial leverage, as measured on an adjusted funds from operations (FFO) to debt basis, to remain 16-17% over the next three years," it said in a statement yesterday.

From its calculation, the tax and

transaction cost resulting from the proposed reorganisation remains above S&P's downside trigger of 15%.

"In addition, we continue to assume that TNB is likely to benefit from its status as a government-related entity, providing two notches of uplift to the rating.

"The stable outlook on TNB reflects our expectation that the company will maintain its operating and financial performance over the next 12-18 months," it added.

The ratings agency anticipates that TNB will be able to pass on any under- or over-recovery of fuel costs through tariff adjustments or savings from power purchase agreements.

Moving forward, it estimates that the Malaysian power company's capital expenditure will be about



Ratings agency estimates TNB's capital expenditure to be about RM10 billion over the next 12 months.

RM10 billion over the next 12 months.

"We may downgrade TNB if the company continues to make aggressive debt-funded investments in generation projects, faces higher fuel costs than we expect without tariff relief, or encounters lower demand for

power than we estimate," said S&P.

It said that a downgrade trigger could be the ratio of FFO to debt staying at or below about 15% over a prolonged period.

Besides that, the agency said it might lower its rating if the group's relationship with the Malaysian

government changes materially or believes that the likelihood of extraordinary government support has diminished.

"However, we see a low possibility of both scenarios over the next 12-24 months," it added.

On the other hand, S&P said it could raise the rating if the timely implementation of tariff reforms results in a more transparent and defined tariff regime that would meaningfully ease the pressure of increasing fuel costs and margin volatility on TNB and sustainably improve the stability of the company's profitability.

It might also upgrade TNB's rating if its financial performance improves sustainably, such that the ratio of FFO to debt is above 23%.

"A more favorable view of the likelihood of extraordinary government support would also be positive for the rating."

TNB was the second biggest gainer on the bourse yesterday, rising 1.47% or 20 sen to close at RM13.82 with 14.63 million shares done.



LAMPIRAN 10
UTUSAN MALAYSIA (BISNES): MUKA SURAT 36
TARIKH: 1 OGOS 2019 (KHAMIS)

REIMAGINING TNB

A Brighter Tomorrow Begins With A Better Today



Penyusunan semula beri respons baik

Oleh ??
ekonomi@utusan.com.my

■ KUALA LUMPUR 31 JULAI

TENAGA Nasional Bhd. (TNB) diniagakan tinggi di Bursa Malaysia pada sesi awal hari ini susulan cadangannya kepada penyusunan semula dalaman yang telah diluluskan oleh Lembaga Pengarah syarikat utiliti itu.

Sehingga 9.37 pagi, saham TNB meningkat 26 sen kepada RM13.88 dengan 1.86 juta saham diurus niagakan, menjadikannya syarikat yang mencatat prestasi terbaik dalam kalangan



30 saham berkaitan indeks.

Pada Isnin, TNB mengumumkan penyusunan semula dalaman untuk mengasingkan penjaan tenaga dan perniagaan runcit kepada RetailCo dan GenCo yang akan mempunyai Lembaga Pengarah dan kumpulan pengurusan mereka.

Langkah itu, yang dijangka selesai pada suku ketiga 2020,

untuk memberi laluan kepada pembaharuan pasaran.

Pengumuman itu dilihat secara neutral oleh kebanyakan firma penyelidikan berikutan cadangan penyusunan semula dalaman itu dijangka tidak memberi sebarang impak yang ketara kepada pendapatan kumpulan itu dalam tempoh terdekat.

Mereka juga tidak menolak kemungkinan dua entiti penyenaraian berasingan di bawah dua segmen iaitu RetailCo dan GenCo.

Kenanga Research mengekalkan saranan 'Penilaian Neutral' dengan harga sasaran (TP) tidak berubah pada RM13.40,

Public Investment Bank mengekalkan saranan 'Neutral' dengan TP pada RM14.12 manakala MIDF Research mengekalkan saranan 'beli' dengan TP tidak berubah pada RM14.40.

Affin Hwang Capital yakin struktur baharu itu dapat membantu mengurangkan kebimbangan mengenai subsidi silang oleh pengawal selia, berikutan entiti baharu itu akan beroperasi sebagai entiti bebas pada masa akan datang.

Ia melihat, penyusunan semula itu dijangka memadai membantu meyakinkan mereka untuk mengekalkan struktur

Peraturan Berasaskan Insentif (IBR) semasa untuk perniagaan pendedaran dan penghantaran (D&T).

"Pengurusan telah menyatakan kerajaan bersetuju dengan pandangan TNB bahawa perniagaan D&T adalah monopoli semula jadi dan perlu sedemikian untuk mengekalkan kecekapan perbelanjaan modal," katanya.

Firma penyelidikan itu mengekalkan saranan 'pegang' dengan TP tidak berubah pada RM14.10.

Saham TNB ditutup pada RM13.82 naik 20 sen atau 1.47 peratus pada sesi dagangan hari ini.

LAMPIRAN 11
 NEWS STRAIT TIMES (LETTERS): MUKA SURAT 66
 TARIKH: 1 OGOS 2019 (KHAMIS)

PLASTIC POLLUTION

Microplastics a threat to marine ecosystem and human health

PLASTIC contamination is not a new issue but has been raised often due to its threat to marine life, environment and humanity. Every year, more than eight million tonnes of plastic are dumped into the sea.

People are well aware of the effects of excessive plastic production and use which ultimately pollute the earth. However, few are aware of the existence of microplastics.

The use of microplastics — plastic particles that are less than 5mm in size — is an issue that is often raised recently.

There are about 51 trillion microplastics in the ocean — more than 500 times the number of stars in the galaxy.

Microplastics come from a variety of sources, including fibres from synthetic fabrics, dust from vehicle tyres, road paint and large-sized plastics that is shredded to become small-sized plastics.

Microbead, a microplastic type produced from polyethylene, is included in cosmetics such as

body scrubs and toothpaste. These tiny particles are capable of passing through the sewage system and eventually land in the oceans.

According to the United Nations Environment Programme, microbeads have been added to beauty products since 50 years ago. There are many microbead products in the market but there is little consumer awareness about the effects of their use.

Although the microbeads are being replaced with natural ingredients, the presence of microplastics have always been a threat to the marine ecosystem, the environment and humans.

The results of the study by the Medical University of Vienna showed that microplastics could enter the human intestine.

This is risky for patients with gastrointestinal diseases, which affect the esophagus, stomach, small intestine, colon, rectum and digestive organs such as the liver, gallbladder and pancreas.

In fact, the findings of a study presented at a meeting of the



Microbead, a microplastic type produced from polyethylene, is found in cosmetics such as body scrubs and toothpaste.

United European Gastroenterology in Vienna recently showed that microplastic particles were found in human faeces.

It turns out that microplastics are no longer just threatening animals such as birds and fish, but also human health.

Solving plastic issues of this scale is not an easy task.

Various policies have been introduced around the world to address the issue of plastic pollution in the ocean, including limiting the production and use of plastic bags and bottles, and

increasing the rate of plastic recycling.

Most recently, the use of plastic straws was banned in all restaurants in Kuala Lumpur. The plastic straw-free campaign is supported by a number of leading businesses like the McDonald's and KFC fast-food chains.

Some people find it burdensome and see no effect in such a ban.

However, in the long term, this measure is not only expected to reduce plastic pollutants in the environment and the oceans but

also reduce the potential of these plastic particles from continuing to affect the food chain and human body systems.

Hence, exposure through early education, effective campaigns, product innovations, close commitment and collaborations between the industry and local, national and international governments are needed to discourage the use of plastic materials for future wellbeing.

AZYAN ZAFYRAH MOHD ZAHID
 UITM, Pasir Gudang, Johor

LAMPIRAN 12
NEWS STRAIT TIMES (BUSINESS): MUKA SURAT 19
TARIKH: 1 OGOS 2019 (KHAMIS)

Automation journey can begin with cobots

JUST like any other technology, automation has gone through the same revolution in terms of application, user-friendliness and reduced installation time, leading to cost reduction and ease of use for businesses.

For small and medium enterprises (SMEs), embarking on automation may seem a daunting task, with space limitation, skilled manpower and investments being the top concerns.

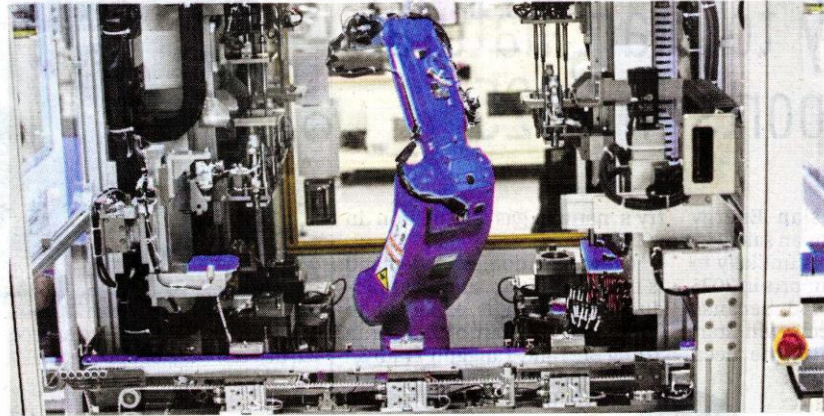
The perception that robots are needed in the dozens and used only in large automotive assembly plants or high-precision electronics plants is long gone.

The emergence of robotic technology that can be programmed easily and saves space does not require heavy investments.

Enter the new age of collaborative robot, or cobot, a game-changing robot designed to work with humans in a shared workspace. Although the cobot was invented in 1996, the maturation of such technology was only seen in this decade.

In principle, cobots can safely work with humans, taking over repetitive tasks in the production cell while humans handle the more complex tasks where value is added.

Due to the increased accuracy of sensors and cameras, the risks of occupational hazards and human injury are almost eliminated.



A robot working at an assembly line of a factory. In principle, cobots can safely work with humans, taking over repetitive tasks while humans handle the more complex tasks. BLOOMBERG PIC

With intelligent technology, cobots are easy to set up. Leading cobot manufacturers claim that the unboxing and setup experience is now reduced to half a day, where most of this focuses on the teaching process to allow the cobot to perform the intended tasks.

Cobot technology has also evolved to become more user-friendly, reducing the burden of expensive labour in small businesses. Cobots can be programmed to do more advanced tasks. If you can work with a smartphone, there is very little learning curve needed to program a cobot.

Interestingly, this is a potential solution to the issues surrounding our workforce.

Cobot technology not only increases the accuracy and productivity of businesses but also reduces barriers for careers in automation. If technology such as this can be easily learned, it will create more access for entry-level skills-based career routes, and allow business owners to eliminate menial, repetitive tasks that are highly-dependent on unskilled labour.

Perhaps the major barrier is the upfront investment for such technology. The government is working closely with financial institutions to allow businesses to embark on Industry 4.0 technologies.

By the time this article is published, the three-day Malaysia International Robotics and Au-

tomation Technology Exhibition and Conference would have entered its second day at the Setia City Convention Centre.

This would be an opportune time for businesses to explore new automation technologies, speak to experts and seek advice from the government on how they can quickly implement automation strategies.

From the government's standpoint, automation is not designed to eliminate jobs but create opportunities to enrich businesses and talents so that they can become part of a higher value economy in the global market.

The writer is the chief executive officer of Malaysia Automotive, Robotics and IoT Institute.

LAMPIRAN 13
BERITA HARIAN (NASIONAL): MUKA SURAT 4
TARIKH: 1 OGOS 2019 (KHAMIS)

TNB sedia pasang lampu di laluan berisiko

Cadangan boleh dilaksanakan dengan kerjasama PBT

Oleh Rohaniza Idris
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Kuala Lumpur: Tenaga Nasional Berhad (TNB) sedia mempertimbang memasang lampu jalan ke sekolah di laluan berisiko sebagai sebahagian tanggungjawab sosial korporat (CSR) syarikat utiliti itu.

Jurucakap syarikat itu berkata, cadangan pemasangan lampu jalan sekolah boleh pertimbangan dan dijalankan bersama pihak berkuasa tempatan (PBT).

"Pada masa ini, TNB menjalankan program CSR bagi pemasangan lampu jalan kampung tetapi belum ada program seperti itu untuk lampu jalan sekolah. Bagaimanapun, cadangan itu boleh pertimbangan dijalankan bersama PBT," katanya di sini, semalam.

Mengulas lanjut, jurucakap itu berkata, penyediaan lampu jalan di kawasan sekolah adalah di bawah bidang kuasa PBT dan TNB hanya bertanggungjawab membuat pemasangan jika ada



Murid berjalan kaki ke sekolah dalam keadaan gelap boleh mengundang kejadian jenayah.

permohonan.

Katanya, kebiasaannya apabila ada keperluan atau aduan daripada masyarakat setempat berhubung masalah pencahayaan di kawasan mereka, perkara itu akan dikemukakan kepada PBT.

"PBT akan uruskan dengan membuat penilaian dan menentukan sama ada perlu dipasang lampu (tiang besi) atau mereka mohon kepada TNB membuat pemasangan lampu berdasarkan

keperluan," katanya.

BH dalam laporan baru-baru ini, mendedahkan keadaan gelap atau kelam kerana kurang pencahayaan di kawasan laluan ke sekolah boleh menyebabkan pelajar yang keluar awal untuk persekolahan sesi pagi menjadi mangsa jenayah.

Laporan itu menyatakan keadaan bertambah berisiko jika kiri dan kanan laluan pula dipenuhi semak atau belukar, per-

sekitaran sunyi atau terlindung daripada penglihatan umum kerana terletak di celah-celah bangunan atau deretan kediaman.

Tinjauan *BH* di seluruh negara mendapati persekitaran sepanjang laluan ke sesetengah sekolah sesi pagi bukan saja gelap atau suram akibat kurang pencahayaan, tetapi turut memerlukan murid melalui lorong di celah-celah bangunan.

LAMPIRAN 14
NEWS STRAIT TIMES (PROPERTY): MUKA SURAT 28
TARIKH: 1 OGOS 2019 (KHAMIS)

Focus on smart sustainable cities

KATHY B.

MALAYSIA is home to about 30 million people and Kuala Lumpur is one of the densest cities in East Asia.

It is estimated that 75 per cent of Malaysians are living in cities and 90 per cent will be living within cities in 2050.

"With a little math, that breaks down to about 21 people migrating to Kuala Lumpur or be born in it every hour. With this rapid urbanisation rate, it is now more important than ever to build well," said Cheng Jew Keng, chief operating officer of Sunway Property and Facilities Management (SPFM), Sunway Group's asset management firm.

Sunway Group, founded by Tan Sri Jeffrey Cheah, has a unique ability to build sustainable cities in Malaysia and is a market leader at it.

The group developed Sunway City Kuala Lumpur (Sunway City KL) in Bandar Sunway, which is resurrected from a tin-mining land.

"Sunway City KL was built on a tin-mining wasteland and is a product of outstanding rehabilitation and restoration efforts. It is now a sustainable model city attracting the attention of academics and corporations from around the world," Cheng told NST Property.

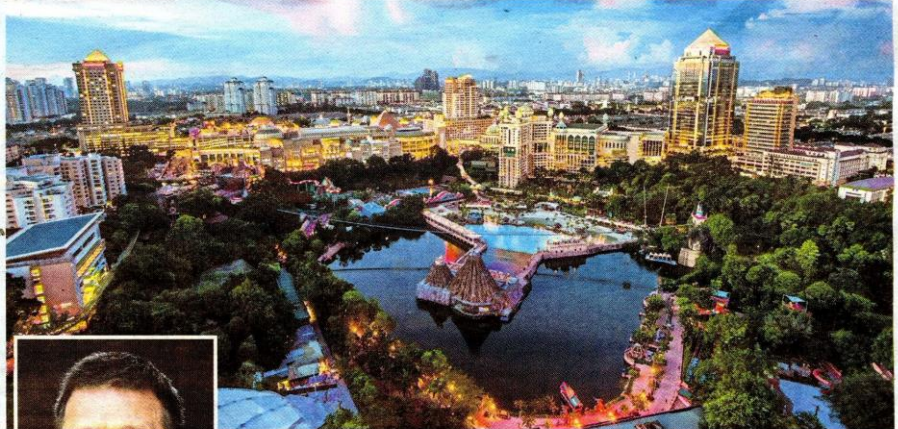
Sprawling 323.75ha, Sunway City KL is Malaysia's first fully-integrated green township with Green Building Index certification and a Low Carbon City as certified by the Malaysian Institute of Planners.

Located just a 20-minute drive from Kuala Lumpur city centre, Sunway City KL has a built-up of more than 60 million sq ft comprising world-class facilities, and attracts some 42 million visits every year.

It encompasses an enviable portfolio of more than 10,000 residential and commercial units, in addition to the multi award-winning hospitality, retail, leisure, healthcare and education components.

Cheng said Sunway City KL is also regarded as a safe city and aims to become a smart sustainable model city, nurturing the communities that live, learn, work and play within it, creating an ecosystem that will inspire a healthy, safe and interconnected society for generations to come.

"Today, Sunway City KL remains one of Southeast Asia's premier tourist destinations," he said. The Selangor Town and Country Planning Development



Sunway City Kuala Lumpur is resurrected from tin-mining land.

PICS COURTESY OF SUNWAY GROUP



Sunway City

KL is now a sustainable model city attracting the attention of academics and corporations from around the world.

CHENG JEW KENG
Sunway Property and Facilities Management chief operating officer

ment recently recognised Sunway City KL as an Inclusive Development.

In 2017, Sunway City KL bagged an award for Top Smart City Initiative in Asia Pacific excluding Japan in the Smart Buildings category at IDC Government Insights' IDC Smart City Asia Pacific Awards (SCAPA).

DEFINING SMART AND SUSTAINABLE CITY

Cheng said smart and sustainable cities are urban areas that are resilient habitats for existing populations without compromising the capability of future generations.

"These cities are built with consideration for social, environmental impact and economic progress (people, planet and progress) and make the future the purpose of the present. It has been estimated that more than two-thirds of all humanity will be living in cities... that's 6.5 billion people.

"Sustainable development cannot be achieved without significantly transforming the way we build and manage our urban spaces. In fact, Goal 11 of the United Nation's 17 SDGs [sustainable development goals] towards creating a future with no one left behind is sustainable cities and townships."

In Malaysia, as more attention has been given to improving the way people build and manage their

urban spaces in the recent years, Sunway is in a unique position to capitalise on the convergence of three parallel trends — digital revolution, circular economy transition and urbanisation — as it has diverse business verticals as well as capabilities across a full real estate value chain, said Cheng.

"The possibilities are endless. If Sunway can merge these three trends through the Sunway Smart Sustainable Cities Initiative, we will directly impact 500,000 of the population. This is the projected combined population for integrated cities of Sunway City KL, Sunway City Ipoh, Sunway Iskandar, Sunway South Quay, Sunway Velocity, Sunway Damansara, Sunway Penang and the upcoming Sunway Valley City to start with.

"And with this start, with this transitioning its urban spaces into circular, intelligent cities, Sunway has the opportunity to deliver widespread socio-economic and environmental benefits with the potential to positively impact some 15.5 million people in these urban conurbations, both direct and indirect," he said.

This is equivalent to almost half of Malaysia's entire projected population of 32.4 million by next year and will positively impact economic growth in states, contributing 60 per cent to Malaysia's gross domestic product, added Cheng.



Sunway City Kuala Lumpur comprises more than 10,000 residential, in addition to commercial units, hospitality, retail, leisure, healthcare and education components.



LAMPIRAN 15
THE STAR (STAR ASEAN+): MUKA SURAT 25
TARIKH: 1 OGOS 2019 (KHAMIS)

Firm fined for dumping plastic waste

Cambodia to impose RM1mil penalty if rubbish not removed

PHNOM PENH: Cambodia fined a company more than US\$250,000 (RM1.032mil) for shipping 1,600 tonnes of plastic waste from the US and Canada, an official said, as South-East Asian countries hit back against an influx of rubbish.

China's decision to ban foreign plastic waste imports last year threw global recycling into chaos as shipping containers filled with trash were rerouted to ports in the region.

The discovery of 83 plastic-filled containers at Cambodia's Sihanoukville port this month fuelled outrage among officials, who said the country was not a rubbish bin.

It gave the firm responsible – Chungyuen Plastic Manufacture – until Aug 24 to send the shipment back to the US and Canada and fined it US\$254,000 (RM1.048mil).

The company “will face further action through the courts” if it does not comply with the order

and pay, Kun Nhim, director general of Cambodia's customs department, said.

Seventy of the containers are from the US while the remainder came from Canada, he said.

He did not provide details on how they ended up in Sihanoukville.

“It could be that they shipped it to Cambodia temporarily when they could not find a country to accept the waste,” he added.

Cambodia is the latest country in South-East Asia to push back against a growing rubbish crisis.

Indonesia announced earlier this month it was sending back dozens of containers full of waste to France and other developed nations, while Malaysia said in May it was shipping 450 tonnes of imported plastic waste back to its source.

Around 300 million tonnes of plastic are produced every year, and much of it ends up in landfills or polluting the seas. — AFP

LAMPIRAN 16
KOSMO! (DUNIA): MUKA SURAT 43
TARIKH: 1 OGOS 2019 (KHAMIS)

11 orang terkorban akibat gelombang haba di Jepun

HIRAKATA, Osaka – Seorang lelaki yang memakai kostum maskot di sebuah taman tema merupakan salah seorang penduduk yang meninggal dunia akibat gelombang haba di Jepun, lapor Perbadanan Penyiaran Britain (BBC).

Lelaki berusia 28 tahun itu meninggal dunia akibat strok haba petang Ahad lalu di Taman Hirakata di sini selepas menari selama 20 minit sambil memakai pakaian seberat 16 kilogram tersebut.

Pekerja tersebut mati semasa berlatih di atas pentas bersama kakitangan lain apabila dia jatuh sakit sekitar 7.30 malam (waktu tempatan). Suhu paling tinggi yang dicatatkan di Hirakata pada hari berkenaan ialah 33.2 darjah Celsius dan pada pukul



GAMBAR fail tidak bertarik menunjukkan Taman Hirakata di Osaka, Jepun, lokasi seorang lelaki meninggal dunia akibat strok haba.

8 malam, suhu turun kepada 28.7 darjah Celsius.

Pekerja itu pingsan dan dikejarkan ke hospital dan disahkan meninggal dunia.

Sehubungan itu, taman tema berkenaan telah membatalkan semua ac-

ara yang memerlukan penggunaan kostum maskot.

Dalam satu kenyataan akhbar, pemilik taman tema itu, Keihan Leisure Service berjanji untuk 'mencari punca' insiden tersebut dan 'bertindak



SEORANG wanita warga emas menggunakan payung untuk melindungi dirinya daripada sinaran matahari di Tokyo kelmarin.

bagi menghalangnya daripada berlaku lagi', lapor akhbar *Japan Times*.

Sementara itu, angka rasmi mendedahkan bahawa lebih daripada 5,000 orang telah mendapatkan rawatan hospital ekoran gelombang haba pada

minggu lalu.

Menurut agensi berita Kyodo, lebih daripada 50 peratus mereka yang dimasukkan ke hospital berusia 65 tahun dan ke atas. Suhu di Jepun dijangka kekal tinggi daripada biasa pada minggu hada-

pan.

Suhu tertinggi dicatatkan iaitu sekitar 37 darjah Celsius kelmarin berlaku Wilayah Gifu, tengah Jepun, dan Wilayah Iwate di utara, lapor *Japan Times*.

Kira-kira 80 peratus daripada 926 lokasi pemantauan suhu negara berkenaan mencatatkan suhu melebihi 30 darjah Celsius, demikian menurut agensi meteorologi Jepun.

Ita bukanlah kali pertama Jepun berhadapan dengan gelombang haba yang menyebabkan kematian. Pada Julai tahun lalu, agensi cuaca negara tersebut mengumumkan gelombang haba sebagai darurat bencana selepas 65 orang meninggal dunia dalam tempoh seminggu. - Agensi