

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

Bil	Berita	Media	Capaian Berita Penuh
4 NOVEMBER 2018 (AHAD)			
1.	<u>UPM staff get top science awards</u> Also present were ASM president and Universiti Sains Malaysia vice-chancellor Datuk Dr Asma Ismail and Deputy Energy, Technology, Science, Climate Change and Environment Minister Isnaraissah Munirah Majilis.	The Star	Klik pada tajuk berita
2.	<u>Angin kencang, laut bergelora di Pantai Timur, Sabah dan Sarawak</u> Dalam satu kenyataan pada Sabtu, Jabatan Meteorologi Malaysia berkata keadaan itu berbahaya kepada semua aktiviti perkapalan dan pantai termasuk menangkap ikan dan perkhidmatan feri.	Astro Awani	Klik pada tajuk berita
3.	<u>Budget 2019: Malaysia is Going All Out to Drive Digital Economy Growth</u> The many venture capital funds managed by Government agencies – Malaysia Technology Development Corporation, Malaysia Debt Ventures Bhd, Malaysia Venture Capital Management Bhd, Kumpulan Modal Perdana Sdn Bhd and Cradle Fund Sdn.Bhd, will be streamlined and made more efficient in delivering capital to companies in various stages of financing needs. Therefore, to ensure that the funds are accessible to those who are most likely to succeed, the funding disbursements will be tied to the companies' ability to secure matching funds from the private sector.	Entrepreneur Asia Pacific	Klik pada tajuk berita
4.	<u>Gempa bumi sederhana di Mindanao, Filipina</u> Menurut kenyataan Jabatan Meteorologi Malaysia, pusat gempa bumi itu adalah pada jarak 49km barat daya dari Marawi, Filipina pada kedalaman 517km.	Kosmo!	Klik pada tajuk berita

3 NOVEMBER 2018 (SABTU)

5.	<u>Cusi pitches for nuclear at ASEAN</u> Joining him in the panel discussion also sharing the respective energy agenda of their countries are: Malaysia's Minister of Energy, Science, Technology, Environment and Climate Change Yeo Bee Yin (3rd from left); and Singapore's Senior Minister of State-Ministry of Trade Industry Koh Poh Koon (middle).	Manila Bulletin	Klik pada tajuk berita
6.	<u>Buang sisa elektronik tempat yang betul</u> Program Pengumpulan Sisa Elektronik Isi Rumah yang dilancarkan Jabatan Alam Sekitar (JAS) untuk menggalakkan orang ramai membuang sisa-sisa elektronik di tempat yang betul telah memanjangkan jangka hayat tapak pelupusan sampah.	Sinar Harian	Klik pada tajuk berita
7.	<u>Kesedaran pengurusan sisa elektronik rakyat perlu ditingkatkan - KP JAS</u> Ketua Pengarah Jabatan Alam Sekitar (JAS), Datuk Ahmad Kamarulnajib Ibrahim berkata, setiap tahun, rakyat negara ini membuang jutaan kilogram sisa elektronik terpakai.	Utusan Malaysia	Klik pada tajuk berita
8.	<u>RM2b earmarked for matching funds for private equity, venture capital</u> Meanwhile, government-led venture capital funds such as the Malaysia Technology Development Corp (MTDC), Malaysia Debt Ventures Bhd (MDV), Malaysia Venture Capital Management Bhd, Kumpulan Modal Perdana Sdn Bhd and Cradle Fund Sdn Bhd, will be synchronised.	The Edge Markets	Klik pada tajuk berita
9.	<u>Budget 2019: Malaysia to set up \$480m co-investment fund targeting new growth areas</u> The Mahathir-led government's inaugural budget, tabled by Malaysian finance minister Lim Guan Eng on November 2, also announced that all state-linked venture capital funds – Malaysia Technology Development Corporation, Malaysia Debt Ventures Bhd, Malaysia Venture Capital Management Bhd (MAVCAP) and Cradle Fund	Deal Street Asia	Klik pada tajuk berita

	Sdn Bhd – would be streamlined and made more efficient in delivering capital to companies in various stages of financing needs.		
10.	<u>Bomba bantu pindah wanita sarat mengandung</u> Jabatan Meteorologi Malaysia mengeluarkan notis amaran cuaca waspada peringkat kuning berikutan jangkaan hujan lebat dan angin kencang di seluruh daerah di negeri ini bermula hari ini hingga esok.	Utusan Malaysia	Klik pada tajuk berita
11.	<u>Jadual GP Malaysia dipinda susulan ramalan hujan</u> Berdasarkan ramalan cuaca dikeluarkan Jabatan Meteorologi Malaysia, daerah Sepang esok akan mengalami hujan pada sebelah pagi dan ribut petir pada petang manakala hujan di waktu malam.	Berita Harian	Klik pada tajuk berita

TEMPATAN

Bil	Berita	Media	Capaian Berita Penuh
5 NOVEMBER 2018 (ISNIN)			
12.	<u>Penguatkuasaan lemah punca aktiviti sukar dikekang</u> Lambakan kilang plastik haram di daerah Kuala Langat, Selangor bukan isu baharu.	Kosmo!	Rujuk lampiran 1
13.	<u>Bongkar kilang plastik haram</u> TVKosmo! Hari ini menyiarkan dokumentari berjudul Derita Racun Import yang membongkar kegiatan kilang memproses plastik jenis acrylonitrile butadiene styrene (ABS) secara haram di sekitar daerah Kuala Langat, Selangor.	Kosmo!	Rujuk lampiran 2
14.	<u>Empat kampung di Jelebu dinaiki air setinggi satu meter</u> Sebanyak empat buah kampung di daerah ini dinaiki air setinggi hampir satu meter menyebabkan 178 penduduk daripada 36 keluarga terpaksa dipindahkan ke pusat	Kosmo!	Rujuk lampiran 3

	pemindahan sementara dalam kejadian banjir kilat kelmarin.		
15.	<u>POLEMIK LAMBAKAN SISA PLASTIK BERACUN</u> Perbuatan kerajaan masih berdolak-dalik berhubung pemberian Lesen Import sisa plastic mencetuskan kekecewaan perjuang alam sekitar.	Kosmo!	Rujuk lampiran 4
16.	<u>Teknologi insinerator lupus sisa plastik</u> Kaedah pembakaran menerusi insinerator merupakan cara paling berkesan untuk melupuskan sisa plastic yang diimport ke Malaysia.	Kosmo!	Rujuk lampiran 5
17.	<u>Rumah `67 panel pintu</u> Bagi memastikan kelestarian dalam industri pembinaan, kerja-kerja penyelidikan dan pembangunan (R&D) bukan sahaja memerlukan ketelitian supaya memenuhi matlamat, tetapi kadangkala memerlukan sedikit keunikan seperti yang dilakukan oleh penyelidik Universiti Teknologi Malaysia (UTM) ini.	Utusan Malaysia	Rujuk lampiran 6
4 NOVEMBER 2018 (AHAD)			
18.	<u>[VIDEO] Pesawah rugi ratusan ribu akibat banjir kilat di Kampung Tembila</u> Kira-kira 35 petani di Kampung Tembila, dekat sini, mendakwa kerugian beratus ribu ringgit selepas bendang padi yang baru diusahakan ditenggelami air akibat banjir kilat semalam.	Utusan Malaysia	Klik pada tajuk berita
19.	<u>K'jaan iktiraf penyelidikan sebagai pemacu universiti awam</u> "Ia bertindak sebagai pemacu untuk menyediakan pakar tempatan dan pembangunan teknologi tempatan agar seiring dengan pembangunan sains dan teknologi negara.	Astro Awani	Klik pada tajuk berita
20.	<u>200 hektar sawah tenggelam</u> Seramai 35 pesawah berdepan risiko kerugian lebih RM150,000 apabila sawah seluas 200 hektar yang diusahakan ditenggelami air sehingga 0.5 meter.	Sinar Harian	Klik pada tajuk berita

21.	<u>Banjir: 32 keluarga dipindahkan di Jelebu</u> JELEBU: Sebanyak 32 keluarga dari empat buah kampung di Simpang Pertang dekat sini dipindahkan ke dua buah Pusat Pemindahan Sementara (PPS) selepas rumah mereka dinaiki air, malam tadi.	Astro Awani	Klik pada tajuk berita
22.	<u>Banjir: 32 penduduk Kampung Geylang dipindah</u> HUJAN lebat yang bermula jam 5 petang semalam menyebabkan 32 penduduk dari Kampung Geylang dekat Pertang dipindahkan ke Dewan Orang Ramai Geylang selepas rumah mereka dinaiki air.	Harian Metro	Klik pada tajuk berita
23.	<u>Banjir kilat landa 4 kampung di Jelebu, 159 dipindahkan</u> "Kawasan paling teruk terjejas ialah Kampung Geylang membabitkan 99 penduduk daripada 20 keluarga dan semua mereka ditempatkan di pusat pemindahan sementara di Sekolah Rendah Kebangsaan Geylang.	Berita Harian	Klik pada tajuk berita
24.	<u>Dr Azizah lawat depot bekalan banjir Kelantan</u> KOTA BHARU: Timbalan Perdana Menteri, Datuk Seri Dr Wan Azizah Wan Ismail, hari ini melawat depot simpanan keperluan banjir di Kemumin dekat Pengkalan Chepa.	Berita Harian	Klik pada tajuk berita
25.	<u>43 jenis barangan untuk 13,000 mangsa banjir</u> KOTA BHARU - Sebanyak 43 jenis barang keperluan asas disediakan di depoh Jabatan Kebajikan Masyarakat (JKM) Pengkalan Chepa bagi menampung 13,000 mangsa banjir seluruh Kelantan.	Sinar Harian	Klik pada tajuk berita
26.	<u>TPM puas hati persiapan hadapi banjir</u> KOTA BHARU: Timbalan Perdana Menteri, Datuk Seri Dr Wan Azizah Wan Ismail, melahirkan rasa puas hatinya terhadap persediaan menghadapi banjir di tiga negeri di Pantai Timur ketika musim tengkujuh nanti.	Berita Harian	Klik pada tajuk berita

3 NOVEMBER (SABTU)			
27.	<u>Subsidi elektrik RM40</u> Belanjawan 2019 membawa berita baik bagi isi rumah yang mempunyai bil elektrik bulanan RM20 ke bawah susulan persetujuan kerajaan meningkatkan kadar subsidi kepada RM40 sebulan.	Berita Harian	Rujuk lampiran 7
28.	<u>Malaysia destinasi pelaburan teknologi</u> Inisiatif Revolusi Industri 4.0 terus mendapat perhatian apabila kerajaan memperkenalkan pelbagai langkah untuk memperkasakan teknologi termasuk dana-dana baharu bagi menjadikan Malaysia sebagai destinasi utama pelaburan industri berteknologi tinggi.	Utusan Malaysia	Rujuk lampiran 8
29.	<u>PKS, Industri 4.0 bantu Malaysia maju</u> Penekanan terhadap Industri 4.0 terutamanya bagi perusahaan kecil dan sederhana (PKS) dalam Belanjawan 2019 terutamanya dalam penggunaan teknologi yang lebih luas seperti Internet Segala-galanya (IoT), perkhidmatan digital dan automasi dapat membantu mempercepatkan Malaysia menjadi sebuah negara digital setaraf dengan negara maju yang lain.	Utusan Malaysia	Rujuk lampiran 9
30.	<u>Driven by 3 Thrusts</u> The 2019 plan was drawn with 12 key points in three thrusts – Focus One: To Implement Institutional Reforms, Focus Two: To Ensure Socio-Economic Wellbeing of the People, Focus Three: Fostering an Entrepreneurial Economy	The New Straits Times	Rujuk lampiran 10
31.	<u>Green banking initiative to ease global warming</u> Earth is currently facing a host of environmental concerns. These problems arise from climate change, global warming and pollution – all of which have a significant impact on biodiversity, forestry, agriculture, water resources, and human health.	The New Straits Times	Rujuk lampiran 11

32.	<u>Inovasi teknologi bolehkan perniagaan lebih maju, cekap</u> Inovasi teknologi yang semakin canggih mentransformasikan dunia kepada kepantasan seterusnya membolehkan perniagaan menjadi lebih maju dan cekap.	Harian Metro	Rujuk lampiran 12
33.	<u>Tidak kompromi isu alam sekitar</u> Kerajaan negeri tidak akan berkompromi dengan isu alam sekitar bagi memastikan rakyat dapat hidup dalam persekitaran yang kondusif, selamat dan sejahtera.	Utusan Malaysia	Klik pada tajuk berita dan rujuk lampiran 13
34.	<u>Accelerating adoption of Industry 4.0</u> Businesses may have more reasons to embrace the Industry 4.0 age as the government has set aside over RM5bil to help them do so.	The Star	Rujuk lampiran 14
35.	<u>Imbuhan hasilkan plastik mesra alam</u> Kerajaan menawarkan imbuhan bagi syarikat yang menghasilkan plastik mesra alam berasaskan bioresin dan biopolimer di negara ini.	Berita Harian	Klik pada tajuk berita
36.	<u>Belanja JPM dipotong RM9.9 bilion tapi...</u> Kementerian-kementerian lain yang jumlah anggaran dijangka meningkat ialah Kementerian Air, Tanah dan Sumber Asli (peningkatan RM1.27 bilion); Kementerian Kerja Raya (Meningkat RM1.98 bilion); Kementerian Pengangkutan (meningkat RM52 juta), Kementerian Sains dan Teknologi (meningkat RM310 juta); dan Kementerian Wilayah Persekutuan (Meningkat RM352 juta).	Malaysiakini	Klik pada tajuk berita
37.	<u>10 sebab kenapa anda perlu tonton Belanjawan 2019</u> 9. Ekonomi Hijau Banyak yang telah diumumkan sebelum ini untuk merencanakan aktiviti ekonomi hijau. Daripada insentif kepada bangunan dan kenderaan kepada pembangunan tenaga hijau. Namun ini bukan lagi sekadar satu frasa popular sahaja. Bagaimana polisi ini dapat dilaksanakan di peringkat industri dan dalam kehidupan seharian?	Astro Awani	Klik pada tajuk berita

38.	<u>Household electricity bill subsidy increased to RM40 and below: Lim</u> The government will increase the household electricity bill subsidy from RM20 and below to RM40 and below, said Finance Minister Lim Guan Eng.	The Sun	Klik pada tajuk berita
39.	<u>Govt to increase electricity subsidies under Budget 2019</u> THE government will increase household electricity bill subsidy from RM20 and below to RM40 and below, said Finance Minister Lim Guan Eng.	The Malaysian Insight	Klik pada tajuk berita
40.	<u>Malaysia Budget 2019 confirms digital tax, along with funding for tech businesses</u> The Malaysian government has now confirmed that a digital tax will be coming to Malaysia, following a similar model and timeline as Singapore.	Techinasia	Klik pada tajuk berita
41.	<u>2019 Budget: Incentive for companies to make environmentally-friendly plastic</u> Incentives for companies that produce environmentally-friendly plastic made from bio-resins and bio-polymers are among steps contained in the 2019 Budget that seek to safeguard Malaysia's environment.	Yahoo News	Klik pada tajuk berita
42.	<u>IRDA says 2019 Budget in line with its plans, focus</u> He also highlighted the RM60 million allocation for protection and expansion of natural reserves, RM5 million micro-grants for environmental protection, and the RM2 billion Green Technology Financing Scheme, saying Iskandar Malaysia is internationally recognised for its low carbon agenda.	The Sun	Klik pada tajuk berita
43.	<u>Measures under Budget to preserve environment will protect nation's rich biodiversity</u> All parties must support the proposed measures listed under the 2019 Budget to help preserve the environment including listing Royal Belum State Park as a Unesco World Heritage site and	The New Straits Times	Klik pada tajuk berita

	allocating RM2 billion to encourage investment in green technology industries.		
44.	<u>Winner of SOBA green award continues R&D efforts</u> PLASTIC packaging company Logomas Packaging Sdn Bhd has been in operation since 1995 and aims to be at the forefront of innovations in plastic packaging.	The Star	Klik pada tajuk berita
45.	<u>Samenta disappointed with govt's decision to discontinue tax reduction scheme for SMEs</u> The other measures include the RM100 million fund for The National Entrepreneur Group Economic Fund (Tekun), the RM 20 million budget for Buy Malaysian Product Campaign, the RM 210 million fund to promote Industry 4.0, the RM 2 billion Green Technology Financing Scheme and the RM 2 billion soft loan for modernisation under the Business Loan Guarantee Scheme.	The Sun	Klik pada tajuk berita
46.	<u>MOE welcomes engagement from all agencies to pursue STEM education</u> The Education Ministry welcomes constant engagement from all agencies in providing more options for teachers to carry out activities in the school-based assessment for Science, Technology, Engineering and Mathematics (STEM) education.	Malaymail	Klik pada tajuk berita
47.	<u>32 penduduk dipindahkan rumah dinaiki air</u> JEMPOL - Seramai 32 penduduk Kampung Gelang Pertang di Simpang Pertang dekat sini terpaksa dipindahkan selepas rumah mereka dinaiki air malam ini.	Kosmo!	Klik pada tajuk berita
48.	<u>32 penduduk dipindahkan rumah dinaiki air</u> "Kediaman mereka dinaiki air akibat hujan lebat sejak petang tadi. Seramai 32 orang dewasa telah dipindahkan ke Dewan Geylang.	Utusan Malaysia	Klik pada tajuk berita

ANTARABANGSA

Bil	Berita	Media	Capaian Berita Penuh
5 NOVEMBER 2018 (ISNIN)			
49.	<u>N.Korea warns of return to nuclear policy</u> North Korea has warned the US it will “seriously” consider returning to a state policy aimed at building nuclear weapons if Washington does not end tough economic sanctions against the impoverished regime.	Malaymail	Rujuk lampiran 15
50.	<u>New Global Deal for Nature</u> The World Wide Fund for Nature (WWF) last week released its 2018 Living Planet Index dan picture is grim.	The New Straits Times	Rujuk lampiran 16
51.	<u>Launchpad for dreams</u> A young Eric Boe, not even five years old, was awestruck while watching grainy images of two American astronauts in bulky spacesuits bounce around on another celestial body.	The Star	Rujuk lampiran 17
52.	<u>Pakar astronomi temui asteroid gergasi misteri</u> Para pengkaji astronomi menemui sebuah asteroid gergasi misteri di dalam sistem solar dan mendakwa bahawa ia merupakan sejenis kapal solar suria makhluk asing yang dihantar untuk mencari tanda-tanda kehidupan di planet lain.	Kosmo!	Rujuk lampiran 18
4 NOVEMBER 2018 (AHAD)			
53..	<u>Supreme Court refuses to block young people’s climate change lawsuit against US government</u> The Supreme Court has refused to halt a novel lawsuit filed by young Americans that attempts to force the federal government to take action on climate change, turning down a request from the Trump administration to stop it before trial.	Independent	Klik pada tajuk berita

3 NOVEMBER 2018 (SABTU)

54.	<u>A world without waste</u> The tab of the soda can is pulled off, before it's tilted toward a glass filled with ice. The fizz is always mesmerising, a thirst-quenching lullaby on a blistering hot day.	The New Straits Times	Rujuk lampiran 19
55.	<u>Robot hantar barang ke rumah penduduk</u> Robot penghantar barang pertama di dunia dilancarkan di United Kingdom (UK) dan memulakan perkhidmatannya di bandar Milton Keynes.	Utusan Malaysia	Rujuk lampiran 20

LAMPIRAN 1
KOSMO! (NEGARA): MUKA SURAT 17
TARIKH: 5 NOVEMBER 2018 (ISNIN)

Penguatkuasaan lemah punca aktiviti sukar dikekang

Oleh LUQMAN RIDHWAN MOHD. NOR
dan AHMAD MUSTAKIM ZULKIFLI

LAMBAKAN kilang plastik haram di daerah Kuala Langat, Selangor bukan isu baharu.

Kilang-kilang itu yang beroperasi di Jenjarom, Teluk Panglima Garang dan Banting dilihat semakin galak beroperasi dengan ada antaranya dioperasikan oleh usahawan dari China.

Majlis Daerah Kuala Langat (MDKL) yang memainkan tanggungjawab besar memantau operasi kilang-kilang tersebut boleh dikatakan tidak menang tangan menjalankan tugas berkenaan.

Menurut Yang Dipertua MDKL, Mohamad Zain A. Hamid, biarpun operasi bersepadu dilakukan bersama agensi penguatkuasaan seperti polis, Jabatan Alam Sekitar dan Jabatan Imigresen, kilang-kilang tersebut dilihat semakin



ZURAIDA ketika meninjau sebuah kilang memproses sisa plastik haram di Telok Panglima Garang, Kuala Langat semasa turun padang pada 25 September lalu.

bercambah.

Katanya, bermula dengan belasan buah kilang yang berjaya dikesan, angka akhir menunjukkan lebih 40 premis memproses sisa plastik yang diimport dari luar negara beroperasi di Kuala Langat.

Beliau menjelaskan, ia ekoran lokasi tersembunyi kilang-kilang tersebut yang terletak di ka-

wasan kebun di sekitar daerah Kuala Langat.

"Bagaimanapun, kita berjaya mengesan kilang-kilang tersebut berdasarkan maklumat daripada orang ramai," katanya kepada *Kosmo!* baru-baru ini.

Beberapa siri pendedahan oleh akhbar *Kosmo!* sejak 23 Julai lalu sedikit sebanyak merungkai isu berkenaan yang rata-ratanya

mendapat reaksi bercampur-aduk daripada pelbagai pihak.

Di pihak orang ramai, ada yang tampil mengaku begitu terkesan dengan asap daripada kilang plastik sehinggakan terpaksa ke klinik kesihatan bagi mendapatkan rawatan.

Menurut Mohamad Zain, MDKL juga berhadapan kesukaran menjalankan operasi kerana kekangan kerjasama daripada agensi tertentu.

Dalam pada itu, Kementerian Perumahan dan Kerajaan Tempatan dilihat tidak tegas dalam menangani isu tersebut kerana keputusan demi keputusan yang dibuat menunjukkan ketidak-tetapan pendirian mereka.

Biarpun Menteri, Zuraida Kamaruddin pada 26 Oktober lalu mengumumkan akan menghentikan pemberian Lesen Import (AP) sisa plastik, keputusan itu bagaimanapun berubah be-

berapa hari kemudian.

Pada sidang Dewan Rakyat 1 November lalu, Zuraida berkata, pihaknya bercadang meneruskan pemberian AP sisa plastik kepada syarikat yang layak.

"Kita juga berpandangan bahawa penghapusan serta-merta akan menjejaskan industri pemprosesan sisa plastik di Malaysia berikutan produk plastik yang dihasilkan dalam negara bakal dieksport ke negara luar," kata kementerian itu menerusi jawapan bertulis.

Kupasan terakhir isu kilang sisa plastik disiarkan dalam sek-syen *Kosmo!* 2 hari ini di halaman 21, 22, dan 23.

● Penulis laporan ini, Luqman Ridhwan Mohd. Nor dan Ahmad Mustakim Zulkifli terlibat dalam pendedahan akhbar *Kosmo!* mengenai bahaya kilang sisa plastik haram di Kuala Langat.

LAMPIRAN 2
KOSMO! (NEGARA): MUKA SURAT 17
TARIKH: 5 NOVEMBER 2018 (ISNIN)

Wartawan TVKosmo! lakukan siasatan bagi lengkapkan dokumentari video
Bongkar kilang plastik haram

KUALA LUMPUR – TVKosmo! hari ini menyiarkan dokumentari berjudul *Derita Racun Import* yang membongkar kegiatan kilang memproses plastik jenis acrylonitrile butadiene styrene (ABS) secara haram di sekitar daerah Kuala Langat, Selangor.

Pengarah projek itu, Muhammad Haikal Abdul Raman berkata, dokumentari tersebut menjalani penggambaran selama dua bulan di sekitar daerah Kuala Langat termasuk Jenjarom, Teluk Panglima Garang dan Banting selain lokasi pemunggaan sisa plastik di Pelabuhan Klang.

"Projek dokumentari ini mula dibincangkan pertengahan tahun ini sebelum dua wartawan penyiaran TVKosmo! serta dua wartawan daripada Meja Berita pergi membuat tinjauan dan siasatan menyeluruh di daerah

Kuala Langat pada Julai lalu.

"Sebelum menjalani penggambaran, kami melakukan pelbagai persediaan termasuk membuat kajian polisi pengharaman sisa plastik oleh kerajaan China, aliran masuk import sisa plastik dari negara-negara Eropah dan Amerika Syarikat ke

Malaysia selain syarat pemilikan Lesen Import (AP) sisa plastik kod tariff HS 3915," katanya di sini semalam.

Turut terlibat dalam penggambaran dokumentari berkenaan ialah Ameen Azizul Aziz, Luqman Ridhwan Mohd. Nor dan Ahmad Mustakim Zulkifli.

Menurut Muhammad Haikal, lambakan kilang plastik di daerah tersebut merupakan satu daripada isu yang membelenggu lebih 300,000 penduduk di sana sejak sekian lama.

"Kerajaan khususnya Kementerian Perumahan dan Kerajaan



HAIKAL



AMEEN



LUQMAN



MUSTAKIM

Tempatan (KPKT) seharusnya bersikap lebih tegas," ujarnya.

KPKT pada 26 November lalu mengumumkan akan menghentikan pemberian AP sisa plastik namun, membuat *U-Turn* pada 1 November lalu ketika persidangan Dewan Rakyat dengan memutuskan untuk meneruskan



ANTARA kilang yang diserbu pihak berkuasa ketika operasi bersepadu dijalankan.

pemberian AP kepada syarikat yang layak dan memenuhi syarat kelulusan ditetapkan.

Selain isu pencemaran alam sekitar berpunca daripada pembakaran sisa plastik oleh kilang-kilang haram tersebut, penduduk daerah Kuala Langat sebelum ini terpaksa berdepan masalah bau busuk gara-gara

pencemaran bau najis babi melalui projek ladang babi moden.

Video dokumentari berdurasi 29 minit itu tersebut boleh ditonton melalui platform laman web, Facebook dan Instagram *Kosmo! Online*.

Tidak ketinggalan ia turut boleh disaksikan menerusi YouTube *TVKosmo!*.

LAMPIRAN 3
KOSMO! (DALAM NEGARA): MUKA SURAT 16
TARIKH: 5 NOVEMBER 2018 (ISNIN)

Empat kampung di Jelevu dinaiki air setinggi satu meter

Oleh ZULKIFLI MANZOR

JELEBU - Sebanyak empat buah kampung di daerah ini dinaiki air setinggi hampir satu meter menyebabkan 178 penduduk daripada 36 keluarga terpaksa dipindahkan ke pusat pemindahan sementara dalam kejadian banjir kilat kelmarin.

Pegawai Pertahanan Awam Daerah Jelevu, Leftenan Md. Marissa Aminuddin berkata, empat kampung terbabit ialah Kampung Geylang, Kampung Melayu, Kampung Tembathin dan Kampung Baru Pertang.

Menurut beliau, sebanyak 26 keluarga melibatkan 125 orang dari Kampung Geylang dan Kampung Melayu ditempatkan di Sekolah Rendah Kebangsaan (SRK) Geylang yang dibuka pukul 10.36 malam.

"Sebanyak 10 keluarga melibatkan 53 mangsa pula dari Kampung Tembathin dan Kampung Baru Pertang ditempatkan



DAPUR sebuah rumah yang rosak teruk selepas dihempap tanah runtuh di Kampung Pelangai Hilir, Kuala Pilah kelmarin.

kan di Dewan Terbuka Kampung Tambahtin Taman Bukit Pertang yang dibuka pukul 1.16 pagi," katanya dalam satu kenyataan akhbar semalam.

Md. Marissa berkata, mangsa

banjir kilat di Kampung Tembathin dan Kampung Baru Pertang bagaimanapun telah dibenarkan pulang ke rumah masing-masing selepas air surut pada pukul 1.50 petang semalam.



KEADAAN rumah seorang penduduk Kampung Geylang, Jelevu yang dinaiki air dalam kejadian banjir kilat kelmarin.

Kata beliau, mangsa banjir kilat di Kampung Geylang dan

Kampung Melayu masih ditempatkan di SRK Geylang setakat pukul 5 petang semalam kerana air belum surut.

Sementara itu, hujan lebat sejak kelmarin menyebabkan dapur sebuah rumah di Kampung Pelangai Hilir, Kuala Pilah rosak selepas dihempap tanah lereng bukit yang runtuh kira-kira pukul 2 pagi semalam.

Pegawai Operasi Balai Bomba dan Penyelamat Kuala Pilah, Khairul Abd. Aziz ketika dihubungi berkata, jarak antara rumah dan lereng bukit setinggi kira-kira 30 meter itu cuma empat meter.

Bagaimanapun, katanya, tiada kemalangan jiwa berlaku kerana penghuni rumah berkenaan tiada di rumah semasa kejadian itu berlaku.

"Kami tidak membenarkan rumah itu didiami buat masa ini kerana masih berlaku pergerakan tanah pada bukit tersebut," katanya.



LAMPIRAN 4

KOSMO!: MUKA SURAT 22 & 23

TARIKH: 5 NOVEMBER 2018 (ISNIN)



KOSMO! ISNIN 5 NOVEMBER 2018

Langat. Namun, pengumuman AP sisa plastik diteruskan benar-benar mengecewakan mereka.

"Kita tidak pasti sama ada keputusan ini mampu mengekang kewujudan kilang-kilang haram, memandangkan mereka dengan sewenag-wenangnya boleh menyalahgunakan AP seperti yang berlaku sebelum ini," katanya.

Persatuan itu telah membuat laporan kepada Suruhanjaya Pencegahan Rasuah Malaysia (SPRM) berhubung isu kilang sisa plastik haram yang berleluasa di daerah itu.

Seorang penduduk tempatan, Pua Lay Ping pula berkata, tindakan itu menunjukkan kerajaan secara tidak langsung merelakan Malaysia menjadi tong sampah dunia dengan mengorbankan kesihatan rakyat selain merisikakan pencemaran alam.

"Mungkin Zuraida kurang akreditasinya dalam mengurus isu sisa plastik, dia (Zuraida) harus letak

SISA plastik dapat dilihat dengan jelas di salah satu lokasi di Kuala Langat.

AHLI Persatuan Tindakan Alam Sekitar Kuala Langat menjalankan pemeriksaan di salah satu lokasi pembuangan sisa plastik di Jenjarom.

jawatan kerana sanggup menukar haluan dalam masa lima hari sahaja.

"Kita mahu tindakan yang lebih konkrit daripada sekadar pengelutaran AP yang lebih ketat kerana tiada faedahnya mengimport plastik. Adakah berbaloi membenarkan Malaysia menjadi destinasi sisa plastik dengan risiko rakyat menghadapi pelbagai penyakit akibat asap beracun yang dikeluarkan kilang-kilang memproses bahan ini?" katanya.

Presiden Pertubuhan Pelindung Khazanah Alam

Malaysia (PEKA), Puan Sri Sharifa Sabrina Syed Akil sebaliknya menyelar tindakan itu sebagai tidak serius dalam menangani isu pencemaran alam sekitar akibat memproses bahan itu.

"Keputusan itu jelas menunjukkan kerajaan tidak sensitif dalam penjagaan udara kerana masih membuka pintu pada kilang-kilang plastik yang ternyata mencemarkan udara," katanya.

"Nilai eksport semula bahan ini tidak mampu membayar balik kerugian kepada rakyat. Kerajaan Persekutuan masih tidak nampak bahawa Industri ini hanya menguntungkan vendor-vendor yang tidak bertanggungjawab," tegasnya.

Tambah Sharifa Sabrina, sehingga kini masih tiada kelibat laporan penilaian impak selepas kes pencemaran di Kuala Langat.

Pihaknya mengesyaki kerajaan cuba menyorokkan impak buruk industri itu dengan hanya memeningkan keuntungan daripada industri.

K2
MENYELAMI HIDUP ANDA

RENCANA UTAMA

INFO Proses kitar semula sisa plastik

- Sisa plastik dikumpul dari pusat pengumpulan sampah, ia biasanya dimampatkan dalam bentuk kub sebelum dihantar ke kilang kitar semula
- Proses pengasingan sisa plastik dilakukan mengikut kandungan resin dan warna plastik menggunakan mesin khas
- Plastik dipotong menjadi kepingan kecil. Serpihan plastik yang berbeza berat dan saiz dipisahkan menggunakan mesin bagi memisahkan plastik berbeza tidak bercampur dalam produk akhir
- Kepingan plastik dilucut dengan ocair bagi menghilangkan sisa-sisa pencemaran. Kepingan tersebut akan dikeringkan menggunakan haba sebelum dicairkan lanjut memisahkan kepingan
- Proses ini mengeluarkan asap plastik kemudian dimampatkan kepada bentuk palet seperti manik. Sesetengah pusat kitar semula pula menghasilkan bahan kitar semula dalam bentuk gentian seperti kapas. Plastik dalam bentuk ini dihantar kepada syarikat pembuat plastik untuk dijadikan botol, jaket, baju dan sebagainya

Jenis-jenis plastik yang dikitar semula

Jenis	Polyethylene Terephthalate	High-Density Polyethylene	Polyvinyl Chloride	Low-Density Polyethylene	Polypropylene	Polystyrene	Lain-lain
Contoh	botol minuman bekas makanan/pakaian	botol ocair cucian jagu susu alat permainan	kad kredit paip pelapis wayar	beg plastik balut gelembung penabak kabel	penutup botol straw fiber karpet	cawan plastik cakera telur penyangkut baju	fabrik nilon cakra padat botol bayi
Tahap mudah dikitar semula	mudah	mudah	sangat sukar	boleh diurus	boleh diurus	sukar	sangat sukar
Peratusan daripada sisa plastik global (2015)	11 peratus	14 peratus	lima peratus	20 peratus	19 peratus	enam peratus	24 peratus

* Sumber: Majalah National Geographic edisi Jun 2018L

LAMPIRAN 5
KOSMO!: MUKA SURAT 23
TARIKH: 5 NOVEMBER 2018 (ISNIN)

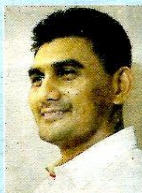
Teknologi insinerator lupus sisa plastik

KAEDAH pembakaran menerusi insinerator merupakan cara paling berkesan untuk melupuskan sisa plastik yang diimport ke Malaysia.

Penyelaras Unit Jaringan dan Industri, Fakulti Pengajian Alam Sekitar Universiti Putra Malaysia, Dr. Mohd. Yusoff Ishak berkata, pembakaran sisa plastik pada suhu tinggi dapat melupuskan bahan tersebut secara total dan meminimumkan kesan terhadap alam sekitar dan pengguna. Bagaimanapun, negara ketika ini tidak mampu menggunakan kaedah tersebut kerana kosnya yang tinggi.

“Kita pernah memiliki fasiliti sedemikian di Pulau Tioman, Pahang namun kos untuk menyelenggarakan amat tinggi. Akhirnya sisa-sisa plastik yang dihantar ke sana semakin banyak dan dibiarkan menimbun serta tidak terurus.

“Berbeza pula situasinya di negara-negara lain yang memiliki insinerator berteknologi tinggi seperti Jepun. Mereka mampu membina fasiliti itu di kawasan padat penduduk, malah tidak membahayakan orang



MOHD. YUSOFF

ramai,” katanya kepada *Kosmo!* baru-baru ini.

Beliau berkata demikian bagi mengulas laporan *Kosmo!* berhubung kewujudan 35 kilang pelupusan sisa plastik di daerah Kuala Langat dengan hanya tiga daripadanya beroperasi secara sah.

Menurut Mohd. Yusoff, antara pilihan lain yang boleh diamalkan pihak berkuasa adalah dengan menghantar sisa plastik itu ke tapak pelupusan sanitari.

“Menimbus sisa plastik adalah kaedah yang boleh diamalkan kerana kita memiliki tapak tersebut.

“Paling penting, apa yang boleh dilakukan kerajaan ketika ini ialah dengan memantau tahap pelepasan bahan cemar daripada kilang-kilang pelupusan sisa plastik sedia ada dan memastikan mereka mematuhi tahap piawaian kesihatan global,” katanya.

Opsyen lain, kata beliau, ialah dengan mengurangkan import sisa plastik ke dalam negara dan menggalakkan budaya kitar semula dalam kalangan orang awam.

LAMPIRAN 6
UTUSAN MALAYSIA (MEGA SAINS): MUKA SURAT 24 & 25
TARIKH: 5 NOVEMBER 2018 (ISNIN)



LAMPIRAN 7
BERITA HARIAN: MUKA SURAT 12
TARIKH: 3 NOVEMBER 2018 (SABTU)

Subsidi elektrik RM40

Kuala Lumpur: Belanjawan 2019 membawa berita baik bagi isi rumah yang mempunyai bil elektrik bulanan RM20 ke bawah susulan persetujuan kerajaan meningkatkan kadar subsidi kepada RM40 sebulan.

Menteri Kewangan, Lim Guan Eng, berkata subsidi membabitkan peruntukan RM80 juta itu akan memberi manfaat kepada 185,000 akaun.

“Pada masa ini, kerajaan memberi subsidi kepada semua isi rumah yang mempunyai bil elektrik bulanan RM20 dan ke bawah.

“Selaras hasrat kerajaan melaksanakan subsidi bersasar, penyaluran subsidi ini akan hanya dikhususkan kepada golongan miskin dan miskin tegar yang berdaftar dengan program e-Kasih.

“Dengan itu, kerajaan mampu meningkatkan kadar subsidi kepada RM40 sebulan dan memanfaatkan 185,000 akaun.

“Ia membabitkan peruntukan RM80 juta,” katanya ketika membentangkan Belanjawan 2019 di Dewan Rakyat, semalam.

LAMPIRAN 8
UTUSAN MALAYSIA (BISNES): MUKA SURAT 46
TARIKH: 3 NOVEMBER 2018 (SABTU)



KERAJAAN dalam pembentangan Belanjawan 2019 menyediakan Dana Transformasi Pendigitalan Industri sebanyak RM3 bilion bagi merancakkan industri dengan menerapkan teknologi pintar merangkumi penggunaan robot dan AI. - GAMBAR HIASAN

Malaysia destinasi pelaburan teknologi

Oleh SHAHIZAM TAZALI
ekonomi@utusan.com.my

■ KUALA LUMPUR 2 NOV.

INISIATIF Revolusi Industri 4.0 terus mendapat perhatian apabila kerajaan memperkenalkan pelbagai langkah untuk memperkasakan teknologi termasuk dana-dana baharu bagi menjadikan Malaysia sebagai destinasi utama pelaburan industri berteknologi tinggi.

Pengarah Urusan dan Ketua Pegawai Eksekutif Standard Chartered Malaysia, Abrar A. Anwar berkata, langkah kerajaan untuk memperkukuhkan Revolusi Industri 4.0 melalui Dana Berimpak Tinggi membantu memacu kepintaran buatan (AI) dan digitalisasi.

Kata beliau, dua bidang penting itu yang berpotensi besar terutama kepada sektor perkhidmatan kewangan.

"Kedua-dua bidang berkenaan harus dimanfaatkan dengan sebaiknya untuk berinovasi dan meningkatkan pengalaman pelanggan, mengurangkan kos, memperkukuhkan keselamatan dan mengelakkan penipuan," katanya dalam kenyataan di sini hari ini.

Kerajaan dalam pembentangan Belanjawan 2019 menyediakan Dana Transformasi Pendigitalan Industri sebanyak RM3 bilion bagi merancakkan industri dengan menerapkan teknologi pintar merangkumi penggunaan robot dan AI.



ABRAR A. ANWAR

GOH CHEE HOH

AZRIN ABD. SHUKOR

Lembaga Pembangunan Pelaburan Malaysia (MIDA) melalui Dana Berimpak Tinggi akan terus menyediakan geran padanan untuk menggalakkan inisiatif Industri 4.0 seperti pembangunan dan penyelidikan (R&D), penerimaan sijil dan piawaian antarabangsa serta pemodenan kemudahan dan peralatan dengan teknologi terkini.

Sementara itu, Pengarah Urusan Trend Micro Malaysia, Goh Chee Hoh berkata, peruntukan yang diberikan bagi menyokong pertumbuhan Industri 4.0 berkaitan teknologi membawa kepada peningkatan produktiviti dan daya saing perniagaan di Malaysia.

Menurutnya, dalam usaha melaksanakan transformasi digital keselamatan siber meru-

pakan komponen penting yang membolehkan inovasi dilakukan.

"Selain daripada risiko biasa dalam perniagaan mereka perlu mengelakkan ancaman siber yang menasarkannya infrastruktur penting. Kami menggesa pemain industri untuk melihat keselamatan siber sebagai nilai yang berpotensi potensi melalui digitalisasi," katanya.

Dalam pada itu, Pengurus Negara Malaysia dan Brunei Net-App, Azrin Abd. Shukor berkata, pengenalan Dana Transformasi Pendigitalan Industri dan Dana Berimpak Tinggi sebagai tepat pada masanya untuk penggunaan analitik data besar, AI dan pembelajaran mesin berkembang dengan meluas dalam ekosistem perniagaan di Malaysia.

LAMPIRAN 9
UTUSAN MALAYSIA (BISNES): MUKA SURAT 45
TARIKH: 3 NOVEMBER 2018 (SABTU)

PKS, Industri 4.0 bantu Malaysia maju

KUALA LUMPUR 2 Nov. - Pene-
katan terhadap Industri 4.0
terutamanya bagi perusahaan
kecil dan sederhana (PKS) dalam
Belanjawan 2019 terutamanya
dalam penggunaan teknologi
yang lebih luas seperti Internet
Segala-galanya (IoT), perkhid-
matan digital dan automasi da-
pat membantu mempercepat-
kan Malaysia menjadi sebuah
negara digital setaraf dengan
negara maju yang lain.

Naib Presiden Penyelidi-
kan Gartner, Tervinderjit Singh
berkata, peruntukan sebanyak
RM210 juta bagi membantu
menggalakkan peralihan ke-
pada Industri 4.0. di bawah
program *Readiness Assessment*
memperkuatkan lagi komit-

men kerajaan un-
tuk meningkatkan
tenaga kerja dan
memacu perjalanan
digital Malaysia.

"Belanjawan
2019 adalah bukti
komitmen kerajaan
baharu untuk mem-
percepatkan peng-
gunaan Industri 4.0
di Malaysia dalam
kalangan pernia-
gaan.

"Gartner yakin dengan ini-
siatif yang diumumkan dalam
Belanjawan 2019, Malaysia terus
berada di landasan yang betul
untuk menjadi sebuah ekonomi
digital digitisasi sepenuhnya.

Belanjawan 2019 bertemakan



TERVINDERJIT SINGH

*Malaysia Wibawa,
Ekonomi Dinamik,
Rakyat Sejahtera*
menggariskan tiga
teras utama iaitu
melaksanakan
reformasi institusi;
memastikan kese-
jahteraan rakyat
dan memupuk bu-
daya negara keusa-
hawanan.

Sementara itu
Perbadanan Pembangunan Per-
dagangan Luar Malaysia (Mat-
rade) berpendapat, Bajet 2019
memberikan tumpuan yang kuat
ke atas pembinaan keupayaan
untuk PKS Malaysia dan syarikat
pertengahan, khususnya pernia-
gaan milik wanita dan belia.



LAMPIRAN 10

UTUSAN MALAYSIA (BISNES): MUKA SURAT 46

TARIKH: 3 NOVEMBER 2018 (SABTU)

New Straits Times • SATURDAY, NOVEMBER 3, 2018 •

8 NEWS

2019 BUDGET

DRIVEN BY 3 THRUSTS

PAKATAN Harapan yesterday tabled its maiden budget, themed "A Resurgent Malaysia, A Dynamic Economy, A Prosperous Society".

In seeking to restore the country's financial position amidst a challenging economic outlook, the government aims to make life a little easier for the people, especially those in the B40 category.

The 2019 plan was drawn with 12 key points in three thrusts —

- Focus One:** To Implement Institutional Reforms
- Focus Two:** To Ensure Socio-Economic Wellbeing of the People
- Focus Three:** Fostering an Entrepreneurial Economy

FOCUS ONE TO IMPLEMENT INSTITUTIONAL REFORMS

STRATEGY 1: STRENGTHEN FISCAL ADMINISTRATION

- Implementing "zero-based budgeting" exercise for this Budget.
- Fiscal Responsibility Act will be tabled by 2021 to avoid useless mega-spending.
- Government Procurement Act to be tabled next year to govern procurement processes.
- Current cash basis of accounting shall be converted to an accrual basis by 2021.

STRATEGY 2: RESTRUCTURING AND RATIONALISING GOVERNMENT DEBT

- Committed to maintain a path of fiscal consolidation to achieve a deficit of 3.4 per cent in 2019, 3.0 per cent in 2020 and 2.8 per cent in 2021.
- Over the medium-term, **expected deficit to be reduced** further to 2 per cent.
- To ensure a successful fiscal consolidation exercise to address Malaysia's 2017 trillion debt, the government will reduce debt percentage in GDP by way of:
 - Setting up Debt Management Office.
 - Cancelling the RM15 billion Multi-Product Pipeline and Trans-Sabah Pipeline projects, while temporarily suspending RM400 billion MRT3 project, RM87.2 billion East Coast Rail Line construction and RM110 billion KL-Singapore High Speed Rail.
 - Take necessary actions to recover funds lost and stolen from 1MDB case.

STRATEGY 3: RAISING GOVERNMENT REVENUE

- Leveraging Assets: leverage on government assets and review taxation policies.
- Seek to reduce subsidies in non-core assets at non-strategic companies and pay down debt.
- Implementing Public Private Partnership (PPP) model for public projects based on land swap transactions via open tenders instead of direct regulation.
- Scheduled and staggered land sales to auction to highest bidder.
- Set up the world's first "Airport Real Estate Investment Trust (AREIT)" to raise \$10 billion from selling a 30 per cent stake of the AREIT to private investing institutions. Number of special draws will be reduced by half.

Reviewing Taxation:

- Starting Jan 1, grant exemptions will be given for specific business-to-business Service Tax for registered Service Tax entities.
- Credit system for Sales Tax deduction will start Jan 1 to avoid problems faced by small manufacturers that purchase products from importers.

Tax Reform Committee's proposal

Important services such as architecture, graphic design, information technology and engineering design will be subjected to Service Tax.

Customs Department will step up enforcement against cigarette smuggling to recover RM1 billion in tax losses.

- Impose a departure levy for all outbound travellers by air starting June 1 next year at RM20 for outbound travellers to ASEAN countries and RM40 to countries other than ASEAN.
- Stamp duty on transfer of property valued at more than RM1,000,000 will increase from 3 per cent to 4 per cent.
- Tax exemption for wholesale money market funds will cease beginning Jan 1 next year.
- Taxes, fees and levy on the Gaming Industry will be increased:
 - Casino licence to be increased from RM120 million to RM150 million per annum;
 - Casino duties to be increased up to 35 per cent on gross collection;
 - Machine dealer's license to be increased from RM10,000 to RM50,000 per annum;
 - Gaming machine duties to be increased from 70 per cent to 30 per cent on gross collection.
- Number of special draws will be reduced by half.

New Straits Times • SATURDAY, NOVEMBER 3, 2018 •

9 NEWS

2019 BUDGET

FOCUS TWO TO ENSURE THE SOCIO-ECONOMIC WELLBEING OF MALAYSIANS

ENSURING WELFARE AND QUALITY OF LIFE

- Bantuan Sara Hidup financial assistance to 4.1 million households worth **RM5 billion**.
 - RM1,200** to households earning monthly income of RM2,000 and below.
 - RM750** to households earning monthly income between RM2,001 and RM2,500.
 - RM500** for those earning between RM2,501 to RM4,000 monthly.
 - Households with children aged 18 year and below, and are disabled (no age limit) to receive an additional **RM150 per child up to a maximum of four children**.
- Government to contribute **RM400 a month** for every accounts with contributions from households of at least RM5 under EPF's SIBR contribution scheme for housewives under e-Kasih programme.
- RM950 million** to set up a Co-Investment Fund (CIF) to invest alongside private investors via new alternative financing platform via Equity Crowdfunding and Peer-to-Peer Financing.
- New regulatory framework to approve and monitor Digital Cabs and Taxis Exchanges.
- To continue the Film in Malaysia Incentive (FIMI) with an allocation of **RM30 million**.
- RM1 billion** to launch the National Fibre Connectivity Plan in 2019 to covering broadband infrastructure with the targeted 30 Mbps speed in rural and remote areas of the country within 5 years.
- Enforced the Mandatory Standards for Access Pricing (MSAP) which will result in fixed broadband prices to be reduced by at least 25 per cent by the end of 2018.

IMPROVING EMPLOYMENT AND EMPLOYABILITY

- RM20 million** in matching grants to carry out "Apprenticeship" and "Graduate Enhancement Programme for Employability (GEPATE)" benefiting 4,000 youths.
- Employer portion of EPF contributions be cut to four per cent from the current six per cent effective Jan 1, 2019 for employees between 61-65 years old.
- Additional tax deduction for companies who employ ex-convicts up to a monthly salary of RM4,000 each.
- One-off **RM500** assistance to qualified government pensioners.
- RM10 million** per annum for healthcare services for parents of children of service members.
- Seven days of unrecorded leave for non-Muslims for the purposes of observing their religious pilgrimage and functions.
- Minimum wage to be raised to **RM1,100** per month starting Jan 1, 2019.

ENHANCING HEALTH & SOCIAL WELFARE PROTECTION

- National B40 Health Protection Fund to provide free protection against top four critical illnesses for up to RM40,000 and 14 days of hospitalisation, covering RM50 per day. Policy to start Jan 1.
- Great Eastern Life Insurance to contribute the initial seed funding of **RM2 billion**.
- Waive stamp duty for all Tenang Insurance products for two years beginning 1 January 2019.
- Tax deduction of up to **RM7,000** to civil servants under the pension scheme to provide **RM200 million** for the wholesale and retail industry starting April 1, 2019.
- Expand number of locations where smoking will be disallowed starting Jan 1, 2019 to achieve the goal of "Smoke-Free Malaysia" by 2045.

FOCUS THREE TO FOSTER AN ENTREPRENEURIAL ECONOMY

EMBRACE THE DIGITAL ECONOMY

- RM2 billion** in funds allocated by Government-Linked Investment Funds to be combined with the private equity and venture capital funds to focus on strategic sectors and new growth areas for Malaysia.
- RM50 million** to set up a Co-Investment Fund (CIF) to invest alongside private investors via new alternative financing platform via Equity Crowdfunding and Peer-to-Peer Financing.
- New regulatory framework to approve and monitor Digital Cabs and Taxis Exchanges.
- To continue the Film in Malaysia Incentive (FIMI) with an allocation of **RM30 million**.
- RM1 billion** to launch the National Fibre Connectivity Plan in 2019 to covering broadband infrastructure with the targeted 30 Mbps speed in rural and remote areas of the country within 5 years.
- Enforced the Mandatory Standards for Access Pricing (MSAP) which will result in fixed broadband prices to be reduced by at least 25 per cent by the end of 2018.

ACCELERATING ADOPTION OF INDUSTRY 4.0

- RM210 million** allocated from 2019 to 2021 to support the transition and migration to Industry 4.0.
- 500 small medium enterprises (SMEs)** under the Roadmap Assessment programme will be assisted by the Malaysia Productivity Corporation to switch to Industry 4.0.
- RM2 million** in the Knowledge Resource for Science and Technology Excellence (KRISTE) and including 350 facilities, 1,200 scientific equipment to enable greater collaboration between public and private sector.
- RM2 million** under Business Loan Guarantee Scheme (SLP) where the Government will provide guarantee of up to 75 per cent for SMEs to access in automation and modernisation.
- RM2 billion** in Industry Digitalisation Transformation Fund will subsidise interest rate of 2 per cent under Bank Pembangunan Malaysia Bhd for driving automation, robotics and artificial intelligence industries.

STRENGTHENING SMALL MEDIUM ENTERPRISES (SMEs)

- RM4.5 billion** SME Loan Fund including RM1 billion for Bumiputera SMEs.
- Corporate income tax rate for taxable income of up to **RM50,000** and **SMEs with less than RM2.5 million** in paid-up capital will be reduced from 18 per cent to 17 per cent.
- RM100 million** to upgrade the capability of the SMEs in halal industry.
- RM1 billion** SME Syariah Compliant Financing Scheme via Islamic financial institutions with a subsidy of 2 per cent profit rate.
- Permodalan Usahawan Malaysia Sdn Bhd to provide **RM200 million** for the wholesale and retail industry.
- RM100 million** allocated to TERUN to finance small entrepreneurs.
- RM20 million** to initiate a "Buy Malaysian First" campaign to support local products and services.

AGRICULTURAL SECTOR

- RM47 million** for R&D of seeds, grains and fruits.
- RM62 million** to implement agricultural and agribusiness and entrepreneurship training for youths.

TOURISM SECTOR

- RM160 million** to match grants to the private sector for overseas promotions and marketing.
- Tax-free incentives to Penang's Swiretham Pier.
- Pulau Pangkor to be declared as a duty-free island.
- Pulau Langkawi's duty-free status to be expanded.
- 50 per cent of proceeds on tourism tax worth **RM550 million** to be shared with state governments.
- Restoration of the Sultan Abdul Samad building in Kuala Lumpur by TMIC.
- RM20 million** allocated for the Malaysia Heritage Tourism Council (MHTC) to generate 25 per cent growth in sector.

FIELD

- RM100 million** allocated to upgrade roads.
- RM140 million** for water supply projects.
- RM35 million** for buildings and basic infrastructure.

LURICATING THE LOGISTICS AND TRANSPORTATION SECTORS

- RM2.44 billion** to upgrade and restore railway tracks.
- RM25 million** to develop a truck depot at a mid-air cargo yard development at Kota Perdana Special Border Economic Zone in Bukit Kayu Hitam, Kedah.
- 150ha land in Pulau Indah** to be turned to Free Trade Zone to support shipping and logistics at Port Klang Free Zone.
- RM30 million** to assist smallholders to obtain the Malaysia Sustainable Palm Oil (MSPO) certification.
- RM100 million** for the use of Plumb Modified Bitumen (ICMB) to build roads at ports and industrial areas in Singapore.
- RM50 million** in Rubber Production Incentive to protect the effects of the fall in rubber prices for smallholders (employment income from the fund when rubber prices fall below RM2.20 per kg).

ENSURING BALANCED DEVELOPMENT

- RM725 million** to build and upgrade roads and bridges.
- RM494 million** and **RM728 million** allocated to supply electricity and water respectively to rural and remote areas.
- RM45 million** to New Villages to upgrade and maintain basic infrastructure.
- RM100 million** allocated to support the Indian community, including technical and skills training to improve the career opportunities for youths.
- RM100 million** for the construction and upgrading of infrastructure for the supply of water, recreation, education, welfare and economic development in orang asli communities.
- RM20 million** for residents associations registered with the Registrar of Societies to carry out community, security and neighbourhood activities.

LAMPIRAN 11
NEW STRAITS TIMES (LETTERS): MUKA SURAT 16
TARIKH: 3 NOVEMBER 2018 (SABTU)

SAVING THE ENVIRONMENT

Green banking initiative to ease global warming

EARTH is currently facing a host of environmental concerns. These problems arise from climate change, global warming and pollution — all of which have a significant impact on biodiversity, forestry, agriculture, water resources, and human health.

These environmental issues are also global; environmentalists, nature lovers, and the general public agree that we need to put a stop to such problems which are mainly man-made.

We need an eco-friendly policy to help us deal with such adverse effects which put pressure on industries and services.

Green initiatives are seriously needed to promote sustainable development and environmental protection.

In Malaysia, air and water pollution are expected to become more challenging as a result of rapid economic growth over the past two decades.

Rapid urbanisation and industrial growth have contributed to the increase in air pollution. The sources of air pollution are from the transportation and industrial sectors through the burning of fossil fuels.

The growing number of vehicles remains the main cause of

the air quality deterioration, particularly in cities.

Therefore, the quality of air and water directly affects the socio-economic condition of the society.

Banks, as financial institutions can play a role in promoting green initiatives and sustainable economic growth through "green banking" practices.

The concept is a strategic approach to healthier marketing demands in modern business areas.

Green banking is any form of banking that benefits the environment. According to the Indian

Banks Association (IBA, 2014): "Green Bank is like a normal bank, which considers all the social and environmental/ecological factors with an aim to protect the environment and conserve natural resources".

It is also known as the "ethical" or "sustainable" bank. Its purpose is to perform "banking activities but with an additional plan towards taking care of earth's ecology, environment, and natural resources including biodiversity".

Green banking is gaining traction — it is making technological and operational improvements

by changing clients' habits in banking. Paperless banking, for example, reduces cost, and helps in environmental sustainability — it reduces the use of paper, power and energy.

Green banking is about making the society habitable and stopping environmental degradation.

Green banking is a smart and proactive way of thinking with a vision about future sustainability.

ASSOCIATE PROFESSOR DR

SAUNAH ZAINON

Deputy rector of research, industrial linkages & alumni, UiTM Johor

LAMPIRAN 12
HARIAN METRO (BISNES): MUKA SURAT 51
TARIKH: 3 NOVEMBER 2018 (SABTU)

**Inovasi teknologi bolehkan
perniagaan lebih maju, cekap**

Inovasi teknologi yang semakin canggih mentransformasikan dunia kepada kepantasan seterusnya membolehkan perniagaan menjadi lebih maju dan cekap.

Pendigitalan boleh berfungsi sebagai destruktif dan pemboleh daya perniagaan kerana dengan teknologi digital seperti analisis data raya (BDA), kecerdasan buatan (AI), Internet untuk segala-galanya (IoT) dan pengkomputeran awan membantu perniagaan dan individu dalam meningkatkan keupayaan.

Teknologi destruktif juga menggandakan pertumbuhan dalam ekonomi digital dan mengoptimalkan pelaburan digital, di mana

ia menyaksikan banyak firma mendapat manfaat daripada kemajuan digital dalam menambah baik operasi serta model perniagaan.

Syarikat perisian pula semakin bertambah dengan memanfaatkan kemajuan teknologi digital untuk membangunkan aplikasi bagi kilang pintar, kamera pintar, pengangkutan, rumah pintar dan perniagaan dalam talian.

Sebagai contoh, kilang pintar, di mana konsep pembuatan baru yang menggunakan pelbagai aplikasi perisian mengubah data operasi kepada maklumat perniagaan seterusnya membolehkan firma meningkatkan daya saing.

LAMPIRAN 13
UTUSAN MALAYSIA (UTUSAN KOTA): MUKA SURAT 57
TARIKH: 3 NOVEMBER 2018 (SABTU)



SULTAN SHARAFUDDIN IDRIS SHAH dan Amiruddin Shari (11 dari kiri) bersama penerima anugerah pada Majlis Sambutan Hari Perancangan Bandar Sedunia Peringkat Negeri Selangor di Setia Alam, Shah Alam, Selangor, baru-baru ini. - UTUSAN/SAHARUDDIN ABDULLAH

Tidak kompromi isu alam sekitar

Oleh ZULKIFLI SAINUDDIN
pengarang@utusan.com.my

■ SHAH ALAM 2 NOV.

KERAJAAN negeri tidak akan berkompromi dengan isu alam sekitar bagi memastikan rakyat dapat hidup dalam persekitaran yang kondusif, selamat dan sejahtera.

Menteri Besar, Amirudin Shari berkata, sikap mengabaikan alam sekitar bagi memberi laluan kepada pembangunan yang dirancang atas alasan memajukan sesuatu kawasan

tidak boleh diterima sama sekali.

"Alam sekitar diceroboh dengan rakus hingga menyebabkan kejadian meragut nyawa seperti tanah runtuh, banjir atau pun kebakaran hutan.

"Namun, saya berbangga dengan ketegasan kerajaan negeri yang tidak berkompromi dengan isu alam sekitar," katanya dalam majlis sambutan Hari Perancangan Bandar Sedunia Peringkat Selangor di sini.

Sultan Selangor, Sultan Sharafuddin Idris Shah turut berkenan mencemar duli men-

yempurnakan sambutan itu.

Turut berangkat mengiringi baginda, Tengku Permaisuri Selangor, Tengku Permaisuri Norashikin.

Hadir sama Pengerusi Jawatankuasa Tetap Perumahan dan Kehidupan Bandar, Haniza Mohamed Talha serta Pengarah Jabatan Perancangan Bandar dan Desa Selangor, Muhammad Ridzuan Arshad.

Amirudin memberitahu, Selangor telah melaksanakan Kerangka Kerja Bandar Rendah Karbon (LCCF) bagi membantu mengurangkan pencemaran

serta mengekalkan kelestarian alam sekitar.

"Daripada 12 pihak berkuasa tempatan (PBT) di Selangor, tujuh daripadanya telah melaksanakan inisiatif LCCF sepenuhnya dan saya harap baki lima lagi PBT dapat berbuat demikian," ujarnya.

Sementara itu, Muhammad Ridzuan berkata, kerajaan negeri juga mempunyai satu jawatankuasa khas untuk memantau pembangunan di kawasan lereng bukit bagi mengelak kejadian tanah runtuh dan hakisan.

"Setiap pembangunan di lereng bukit perlu mendapat kelulusan daripada Jawatankuasa Kawasan Sensitif Alam Sekitar Negeri Selangor terlebih dahulu sebelum membuat permohonan kebenaran merancang daripada PBT.

"Jawatankuasa yang dipengerusi oleh saya sendiri dan turut disertai Jabatan Kerja Raya, Institut Kerja raya Malaysia (Ikram) dan agensi berkaitan yang lain ini bertujuan menilai semua aspek teknikal secara profesional bagi setiap permohonan yang dibuat," jelasnya.

LAMPIRAN 14
THE STAR (NATION): MUKA SURAT 12
TARIKH: 3 NOVEMBER 2018 (SABTU)

Accelerating adoption of Industry 4.0

Govt sets aside RM5bil to help

PETALING JAYA: Businesses may have more reasons to embrace the Industry 4.0 age as the government has set aside over RM5bil to help them do so.

In tabling the 2019 National Budget, Finance Minister Lim Guan Eng said the government aimed to support measures to accelerate the adoption of Industry 4.0 as outlined in the Industry 4.0 Blueprint or Industry4WRD, which aims to make Malaysia the prime destination for high-tech industries.

Industry 4.0 is the term used to describe the current trend of automation and data exchange in manufacturing technologies.

Among the measures include the Malaysian Productivity Corporation conducting a readiness assessment programme to help about 500 small and medium-sized enterprises to make the change.

The government also plans to develop the Knowledge Research for Science and Technology Excellence (KRSTE.my) to boost the sharing of research and development resources between the private sector and academia.

"By 2019, the government aims to open up access to 250 facilities and 1,200 scientific and research data to the private sector," he said.

Additionally, he said the government would also bear the cost of placing 100 researchers into the private sector under a researchers placement programme.

The government will also set up the RM3bil Industry Digitalisation Transformation Fund to encourage industries to utilise artificial intelligence.

To further sweeten the deal and speed up adoption, companies making an effort to embrace Industry 4.0 could also enjoy double tax deduction.

This is applicable if they offer scholarships to students studying engineering and technology whether at the technical and vocational, diploma or degree levels, participate in the Dual-National Training Scheme for Industry 4.0 recognised by the Human Resources Ministry or Mida (Malaysian Investment Development Authority), or conduct relevant training programmes approved by the Human Resources Ministry.



BUDGET 2019

SME RM5bil

- RM210mil allocated over three years support the transition and migration to Industry 4.0
- RM2mil to set up the Knowledge Resource for Science and Technology Excellence to enable better collaboration between academia and private sector
- RM2bil allocated under the Business Loan Guarantee Scheme to encourage small and medium-sized industries to invest in automation and modernisation processes
- A RM3bil industry digitalisation transformation fund with an interest rate of 2% will be created under Bank Pembangunan Malaysia Bhd to accelerate the adoption of smart technology
- MIDA will continue to provide matching grants through its High Impact Fund with a specific emphasis of Industry 4.0 initiatives
- Khazanah Nasional Bhd to develop an aerospace hub on an 80-acre piece of land in Subang
- Double tax deduction for companies that carry out programmes to boost the adoption of Industry 4.0

Gartner Research vice-president TJ Singh said such incentives would contribute to a wider adoption of technologies such as the Internet of Things, digital and automation services and accelerate Malaysia's growth into a digital nation.

He said the readiness assessment programme reinforced the government's commitment to upskilling the workforce and driving Malaysia's digital journey.

"Chief Information Officers list the lack of talent and skill shortage as one of the main barriers to digital transformation.

"We believe this initiative is a step in the right direction towards overcoming that barrier," he said.

LAMPIRAN 15
MALAYMAIL (WORLD): MUKA SURAT 12
TARIKH: 5 NOVEMBER 2018 (ISNIN)

N. Korea warns of return to nuclear policy

SEOUL — North Korea has warned the US it will “seriously” consider returning to a state policy aimed at building nuclear weapons if Washington does not end tough economic sanctions against the impoverished regime.

For years, the North had pursued a “byungjin” policy of simultaneously developing its nuclear capabilities alongside the economy.

In April, citing a “fresh climate of detente and peace” on the peninsula, North Korean leader Kim Jong-un declared the nuclear quest complete and said his country would focus on “socialist economic construction”.

But a statement issued by the North’s foreign ministry said Pyongyang could revert to its former policy if the US did not change its stance over sanctions.

“The word ‘byungjin’ may appear again and the change of the line could be seriously reconsidered,” said the statement carried by the official KCNA news agency late on Friday.

At a historic summit in Singapore in

June, US President Donald Trump and Kim signed a vaguely-worded statement on denuclearisation.

But little progress has been made since then, with Washington pushing to maintain sanctions against the North until its “final, fully verified denuclearisation” and Pyongyang condemning US demands as “gangster-like”.

“The improvement of relations and sanctions are incompatible,” said the statement, released under the name of the director of the foreign ministry’s Institute for American Studies.

“What remains to be done is the US corresponding reply,” it added.

The statement is the latest sign of Pyongyang’s increasing frustration with Washington.

Last month, the North’s state media carried a near 1,700 words long commentary accusing the US of playing a “double game”, implicitly criticising Trump for his comments aimed at barring Seoul from lifting sanctions

against Pyongyang.

Despite a flurry of diplomacy on and around the peninsula differences are emerging between Seoul and Washington, which stations 28,500 troops in the South to protect it from its nuclear-armed neighbour.

The South’s doveish president Moon Jae-in has long favoured engagement with the North, which is subject to multiple UN Security Council sanctions over its nuclear and ballistic missile programmes.

He has dangled large investment and joint cross-border projects as incentives for steps towards denuclearisation, while the US has been adamant pressure should be maintained on Pyongyang until it fully dismantles its weapons programmes.

In an interview with Fox News on Friday, US Secretary of State Mike Pompeo reiterated that sanctions will remain until Pyongyang carries out its denuclearisation commitments made in Singapore, adding he will meet with his North Korean counterpart next week. — AFP

LAMPIRAN 16
NEW STRAITS TIMES (OPINION): MUKA SURAT 21
TARIKH: 5 NOVEMBER 2018 (ISNIN)



ZAKRI ABDUL
HAMID

BIODIVERSITY

NEW GLOBAL DEAL FOR NATURE

The world needs to urgently transition to a net carbon neutral society, to halt and reverse nature loss

THE World Wide Fund for Nature (WWF) last week released its 2018 Living Planet Index and the picture is grim.

Since 1970, there has been a 60 per cent decline in earth's wildlife populations — the stark consequence of pressures humans have imposed on all other living things in our 200,000 years of existence — a tiny blip in the 4.5 billion-year history of our planet.

Imagine the shoe on the other foot: 60 per cent of humanity — the population of Asia — wiped off the planet.

People the world over are cutting down forests, withdrawing too much water from rivers, choking oceans with plastic and other pollutants, and pushing many animals to extinction by destroying their habitat.

For the sake of both people and wildlife, now and in the future, we need a healthy planet, with a rich variety of plants and animals and vibrant ecosystems.

Thankfully, there are growing calls for a new global deal for nature, backed by concrete commitments from global leaders and businesses, communities and individuals to tackle wildlife loss, climate change and development in an integrated way.

We urgently need real change, all over the world.

With that in mind, the global community will meet this month to open negotiations on a new action framework on biodiversity. In collaboration with the government of Egypt, the UN Convention on Biological Diversity (CBD) will hold its 14th meeting of the Conference of the Parties in Sharm el Sheikh.

The event will feature a High-Level Segment (Nov 14 and 15), at which up to 80 ministers of environment, infrastructure, energy, industry and other sectors will discuss mainstreaming biodiversity protections into their respective fields of work.

Following that, the 196 Parties to the CBD will meet for 12 days of



We need a healthy planet, with a rich variety of plants and animals and vibrant ecosystems. REUTERS PIC

talks on last-minute efforts to reach the world's Aichi Biodiversity Targets (2010-2020), mainstreaming biodiversity issues, and to begin two years of negotiation on a post-2020 global action framework for biodiversity, scheduled for final agreement at COP15 in China.

Commenting on the WWF report, Sir Robert Watson, my friend and successor as Chair of the IPBES — often called the IPCC for biodiversity, and the source of several recent authoritative and influential assessment reports to inform the world's coming negotiations — stressed that "nature contributes to human wellbeing culturally and spiritually, as well as through the critical production of food, clean water, and energy, and through regulating the earth's climate, pollution, pollination and floods.

The Living Planet report clearly demonstrates that human activities are destroying nature at an unacceptable rate, threatening the wellbeing of current and future generations".

Said WWF International Director General Marco Lambertini: "The nature conservation agenda is not only about securing the future of tigers, pandas, whales and all the amazing diversity of life we love and cherish on earth. It's bigger than that.

"Our day-to-day life, health and livelihoods depend on a healthy planet.

"There cannot be a healthy, happy and prosperous future for people on a planet with a destabilised climate, depleted oceans and rivers, degraded land and empty forests, all stripped of biodiversity, the web of life that sustains us all."

"In the next years, we need to urgently transition to a net carbon neutral society and halt and reverse nature loss, through green finance and shifting to clean energy and environmentally friendly food production. In addition, we must preserve and restore enough land and ocean in a natural state to sustain all life."

The WWF report underscores dramatically the need to put more rigour into our efforts. And, as noted, the government is only one of the partners in this global endeavour.

There is also a role for civil society and the corporate sector.

As part of their response, it has been encouraging to note the initiative of the AEON Environmental Foundation and the Secretariat of the CBD in establishing the MIDORI Biodiversity Prize in 2010 "to honour three individuals on a biannual basis who have made outstanding contributions to conservation and sustainable

use at local and global levels, and who have influenced and strengthened various biodiversity-related efforts, as well as raised awareness about biodiversity."

Takuya Okada, chairman of the AEON Environmental Foundation and honorary chairman of AEON Co Ltd, said: "Safeguarding the earth's biodiversity and tackling climate change are two of the greatest challenges of our time. We hope that the MIDORI Prize will help to inspire action to meet the global challenge, the Aichi Biodiversity Targets, and the objectives of the United Nations Decade on Biodiversity 2011-2020."

CBD executive secretary Cristiana Pa a Palmer said: "The MIDORI Prize is a unique international prize focused on biodiversity, shining a spotlight on the work of dedicated individuals. We hope it will contribute to raising public awareness on the essential role of biodiversity to human wellbeing and the solutions that biodiversity provides to global challenges like climate change."

The writer was the founding chair of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES), and a recipient of the 2018 MIDORI Biodiversity Prize.

Thankfully, there are growing calls for a new global deal for nature, backed by concrete commitments from global leaders and businesses, communities and individuals to tackle wildlife loss, climate change and development in an integrated way.



LAMPIRAN 17

THE STAR (PEOPLE): MUKA SURAT 8 & 9

TARIKH: 5 NOVEMBER 2018 (ISNIN)



Debi Huffman with a life-sized picture of astronaut Eric Boe at the Fernbank Science Center in Decatur, Georgia. — Photos: Tribune News Service



Nasa astronaut and Air Force Col. Boe talks to about 330 sixth grade students about his two-week trip on Discovery.

By HELENA OLIVIERO

A YOUNG Eric Boe, not even five years old, was awestruck while watching grainy images of two American astronauts in bulky spacesuits bounce around on another celestial body.

The footage was blurry. But no matter – it was captivating for Boe and millions of others gathered around their black-and-white television on July 20, 1969.

As Boe saw the moon landing from his living room in Atlanta, he felt an indelible connection to the historic moment.

Here were Neil Armstrong and Edwin "Buzz" Aldrin walking on the moon – the same moon Boe looked at from his bedroom window at night, the same moon he saw shining in the dark sky during evening walks with his family in the Northlake neighborhood of DeKalb County.

"It was a real dreamy moment," said Boe. "It's amazing to look at something in the sky that seems so far away but be so close we could reach out and touch it."

As the years went by in school, college and the Air Force, Boe's affinity for and connection to space strengthened. And then, in 2000, Boe was selected by NASA to be an astronaut. Since then, he has piloted two space shuttles. And now, chosen to fly on commercial spacecraft and be among the first American astronauts to launch from US soil since 2011.

The voyages are scheduled to begin next year, and Boe, who has been tapped to fly on Boeing's Starliner, is part of an elite group of astronauts NASA hopes will usher in a new era of space travel.

While Boe is stationed in Houston, he continues to maintain strong ties to Atlanta and has a soft spot for his hometown. Atlanta is also the place where family, friends and teachers helped his galactic dreams come true.

A determined student

When Boe was about 12 years old, he enrolled in a Discovery aerospace class at the Fernbank Science Center. It was a perfect class for a bright child who loved math and science. He made rocket models, studied aerospace history, went on field trips to Johnson Space Center in Houston, and loved all of it – everything from looking through telescopes to building rockets and flying rockets from Piedmont Park.

And Boe credits his teacher, Debi Huffman, for helping nurture his enthusiasm for aerospace. "Absolutely one of the things I talk about when I talk to students

Launchpad for

Eric Boe, who has been tapped to fly on Boeing astronauts NASA hopes will usher in a new era

is how impressed I am by teachers who spend a lot of time with kids and are very dedicated," said Boe. During class, Boe told Huffman his dream of one day becoming an astronaut. He promised to have her as his guest at his first space mission.

Meanwhile, Huffman, who still works at the Fernbank Science Center, remembers Boe as a hard-working and passionate learner. He also paid careful attention to details, even as a middle-schooler.

In class, students built rockets out of kits, and needed to attach this, which provided stability during a flight, Huffman said. Sometimes, the fins fell off, and students needed to reattach them. But not Boe.

"Boe always did it perfectly the first time," she said. Huffman said Boe's determination as a young student paid off.

Everything he did as a student was something that got him closer to his dream," Huffman said. "He's a fabulous role model for students I teach because I can tie in his footsteps and use those to encourage kids."

Boe was also influenced by his parents. His father was a pilot in the Air Force and flew for Eastern Airlines. And his mother often took him to the library to research projects, not only university libraries including the one at Georgia Tech.

From Iraq to NASA

In high school, Boe continued to excel in school and loved learning. His favorite subjects included science, Spanish and math classes – especially calculus.

"It's something concrete that I could put my hands around, and there was an answer," he said.

Boe became a cadet in the Georgia Wing of the Civil Air Patrol, earning the coveted Gen. Carl A. Spaatz Award. Boe graduated from Henderson High School (which is now a middle school) in DeKalb County in 1983. (Another astronaut, Thomas Henry "Tom" Marshburn, graduated from Henderson High School in 1978.)

Then, Boe entered the Air Force Academy to study astronautical engineering. After graduating from the Air Force Academy, he became a test pilot. He also flew 55 combat

missions over Iraq in support of Operation Southern Watch. Before his military retirement in 2012, he logged approximately 6,000 flight hours in more than 50 aircraft. Boe, who is married and has two children, said he always wanted to be a pilot, and "in the back of my mind, I thought about being an astronaut." But he also knew the odds – with tens of thousands of applicants seeking only a handful of coveted spots.

"I knew becoming an astronaut would take a lot of luck and being at the right place at the right time, so my first goal was being a pilot, and a test pilot, because I knew by doing that, you could open up some of those gates," said Boe, an upbeat, unassuming man.

Boe received his master's degree in electrical engineering from Georgia Tech in 1997.

In 2000, Boe's lifelong journey of maybe – just maybe – becoming an astronaut came to fruition. He was 35 years old.

Previous trips to space station

Huffman stood by with white knuckles at Cape Canaveral, Florida, as the space shuttle Endeavour cut its way into the evening sky on Nov 14, 2008.

Huffman's presence was a promise made good by Boe. Boe piloted a special, Fernbank flag on his first shuttle mission, a testament to what the science centre has meant to him and his career as an astronaut.

Boe piloted the STS-128 Endeavour, a mission that expanded the living quarters of the International Space Station to eventually house six crew members by delivering a new bathroom, kitchen, two sleeping quarters, an exercise machine, and a water recycling system. He also served as the pilot for STS-133 Discovery. This mission delivered the Permanent Multipurpose Module (PMM) and the fourth Express Logistics Carrier (ELC) to the International Space Station research laboratory that orbits around Earth.

The space station is a unique science laboratory for human health, biological and materials research as well as a technology test bed. The space station is also considered

dreams

g's Starliner, is part of an elite group of of space travel.

a steppingstone for going farther into the solar system.

It has the volume of a five-bedroom house or two Boeing 747 jetliners. It can support a crew of six people, plus visitors.

Along with the sensation of weightlessness, it's the view of this homeland from space that really made an impact on Boe.

"No words can describe how amazing our planet is," he said. "You can tell the planet is alive. You can see the colours – the greens and blues, it's big and small at the same time."

When construction of the International Space Station was begun in 1998, it was seen as a new age of cooperative space exploration – an alliance between a number of countries, but especially longtime rivals the United States and Russia.

And since the retirement of NASA's space shuttle fleet in 2011, US astronauts have relied entirely on Russian rockets and capsules to reach and return from the space station.

While the tenor of Russian-American relations has changed, in space, the two countries remain close.

"We train together, we work together," Boe said. "You get to know the crew very well when you work with them day in and day out for years."

Boe studied Russian at the Air Force Academy, which has been quite useful – although not the way he initially envisioned.

"I studied Russian because it was during the Cold War, and I wanted to know my enemy," said Boe. "I am still learning Russian, but we are working together, and I am using Russian in a constructive way to make the world a better place."

In that same vein, he said something else you don't see from space are hordes.

"You don't have those conventional lines, and you realize we are all in this life together – planet Earth and humanity as a whole," Boe said.

Ultimately, he said, you see the complexity of Earth and it's "kind of gives you an appreciation for life in general."

Boe said Georgia state is on his short list of places to photograph from the sky, along with Mount

Everest and New Zealand. On Nov 20, 2008, he flew over Bobby Dodd Stadium when Georgia Tech was playing a football game.

After returning to Earth on Endeavour, Boe returned the flag to Fernbank in a special ceremony. Boe, who spent a total of nearly 29 days in space, said as he reflects on his time traveling in space, he's come to realize the time in orbit is just a small part of an astronaut's journey.

"Space flight is about people. For me, a lot of the fun is training and getting to know people and working together. There are 500 to 1,000 people supporting us, training us, meeting, making our equipment. There are a lot of people who make our job easy."

And when he's in space, he said, "You are very busy. But every once in a while, you take a breath, and marvel at the experience – and view from space."

"I tell young people that there are a lot of cool jobs," he said. "And being an astronaut is a cool job. But there are a lot of great things to do. The important thing is to find something you love to do, and you'll do it well. Life is an amazing thing."

'Next chapter in space travel'

In a ceremony at the Johnson Space Center in early August, NASA Administrator Jim Bridenstine stood on a stage with an enormous American flag, and introduced the selected astronauts, one by one, for the next phase in space travel. He started with Boe, who greeted an enthusiastic crowd with a wave and two thumbs up.

"What an exciting and amazing day," said Bridenstine. "I am honored and consider myself very lucky to have this opportunity to see this next chapter in space travel," said Boe.

The plan is for Boe and other selected astronauts to fly on spacecraft developed not by NASA but by two corporations, which are under contract to develop "space taxis" to the International Space Station. In 2014, Boeing and SpaceX were awarded a combined \$6.8 billion (RM28.5 billion) in contracts from NASA to develop, test and fly space taxis to carry US astronauts into orbit. All of the selected astronauts are

in their 40s and 50s.

Boe is currently training for the crew flight test of Boeing's Starliner spacecraft. As they work to help launch a new phase for conducting space research, both Boeing and SpaceX have faced setbacks and delays, but test flights are scheduled for sometime next year. Not only will it be the end of a period when American astronauts have had to essentially hitch rides aboard Russian spacecraft, but this also will mark a new phase of travel on newly developed sleek aircraft. Everything from heat shields, abort systems, and parachutes to seats, controls and displays have been developed by teams at each company.

And for those who played a role – big and small – in Boe's space travels, this is a moment of great joy.

"I was just sick when they ended the programme," said Jean Thomas, a retired teacher who taught Boe in elementary school. "I am so thrilled to get things back going again. And we are so proud of Eric."

Meanwhile, Huffman, who has helped countless students – including one future astronaut – follow their



In this February 2011 file photo, NASA astronauts Boe (left), STS-123 pilot, and Scott Kelly, Expedition 26 commander, take a moment for a photo on the flight deck of space shuttle Discovery while docked with the International Space Station.

passions to become scientists, engineers, doctors and inventors, plans to retire at the end of this school year. But next time Boe launches into space, Huffman plans to be there – once again cheering on the man she remembers as a 12-year-old boy with

tenuous dreams of soaring past the stars.

And this next step in exploration could take astronauts, including Boe, back to the moon, eventually Mars – and beyond. — The Atlanta Journal-Constitution/Tribune News Service

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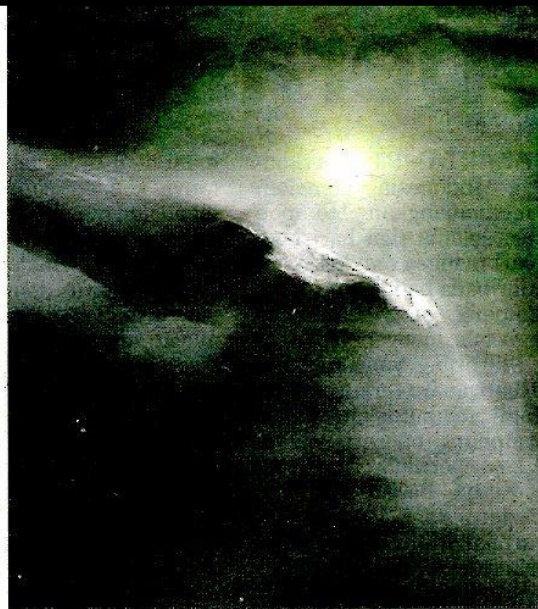
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LAMPIRAN 18
KOSMO! (DUNIA): MUKA SURAT 47
TARIKH: 5 NOVEMBER 2018 (ISNIN)



AGENS

PAKAR astronomi percaya asteroid aneh ini berkemungkinan merupakan kapal angkasa buatan makhluk asing.

Pakar astronomi temui asteroid gergasi misteri

MASSACHUSETTS, Amerika Syarikat – Para pengkaji astronomi menemui sebuah asteroid gergasi misteri di dalam sistem solar dan mendakwa bahawa ia merupakan sejenis kapal solar suria makhluk asing yang dihantar untuk mencari tanda-tanda kehidupan di planet lain.

Asteroid misteri yang dikenali sebagai Oumuamua itu dipercayai tiba di dalam sistem solar pada Oktober 2017.

Pakar astronomi daripada Pusat Harvard Smithsonian untuk Astrofizik (CfA) telah menganalisis objek aneh berbentuk seperti cerut itu sewaktu objek tersebut melewati sistem solar pada tahun lepas.

Dalam kajiannya, Shmuel Bialy bersama beberapa orang penyelidik lain merumuskan objek itu berkemungkinan merupakan sebuah 'kapal rentas tahun cahaya buatan'. Ia terapung di ruang angkasa dalam bentuk serpihan daripada satu kelengkapan berteknologi canggih.

Mereka turut mengandaikan bahawa Oumuamua merupakan sebuah objek yang dapat beroperasi sepenuhnya dan dihantar secara sengaja ke kawasan Bumi oleh makhluk asing bertamadun.

Oumuamua pertama kali dilihat menggunakan teleskop oleh pusat pencerapan Haleakala di Hawaii pada 19 Oktober tahun lepas. – Agensi

LAMPIRAN 19

NEW STRAITS TIMES (PULSE): MUKA SURAT 50 & 51

TARIKH: 3 NOVEMBER 2018 (SABTU)



A world without waste

A leading drink manufacturer is combating the dire plastic waste issue with a brand new strategy, writes Elena Koshy

THE ISSUE OF WASTE

Ever since the technology to engineer polymers in creating plastic on a mass scale was introduced in the 1950s, this by-product of the petrochemical industry has spread to almost every manufacturing process. The ubiquitous plastic soon seeped insidiously into our daily lives and has become near impossible to avoid. It exists in our clothes, containers, bottles, electronics, food trays, cups and paints. Our cars depend on it, so do our computers, mobile phones and toys. It's the global packaging material of choice. We sleep on it, wear it, watch it, and are in direct bodily contact with it in one form or other all day and night.

On the one hand, it seemed to have profound societal benefits. However, there's a catch — this most successful land use sticks around for centuries. When exposed to sunlight, oxygen or the action of waves, it doesn't biodegrade but simply fragments into smaller and smaller bits, until microscopic or nano-sized particles enter the food chain, the air, the soil and the water we drink. There seems to be no getting rid of plastics from our environment.

The massive and worrying increase of plastic waste in our oceans and increasingly in our food chain, speaks of our increasing dependency on throwaway items like single-use plastic bottles. More than 480 billion plastic drinking bottles were sold in 2016 across the world, up from about 300 billion a decade ago. Fewer than half of the bottles bought in 2016 were collected for recycling and just seven per cent of those collected were turned into new bottles. Instead, most plastic bottles produced end up in landfill or in the ocean.

Between five million and 13 million tonnes of plastic leak into the world's oceans each year to be ingested by sea birds, fish and other organisms. By 2050 the ocean will contain more plastic by weight than fish, according to research by the Ellen MacArthur Foundation. According to environmental activist group Greenpeace, the largest beverage manufacturer, Coca-Cola reportedly manufactured more than 110 billion plastic bottles in 2016.

COMMITMENT TO THE ENVIRONMENT

"No one's arguing that there's an issue. Everyone accepts that there's an issue," begins Jordan Murty, adding, "We, as global brands and small regional brands as well, have helped create the problem. Now let's be at the forefront of solutions to the problem."

The Coca-Cola Company, Jordan says, will work with a host of partners in the coming years to deliver its "World Without Waste" packaging vision, which includes

Reduce, reuse, recycle. Reuse when you can, recycle when you can't and choose sustainable materials. Don't litter and keep your waste out of the environment.

Dr Ben Jordan



Plastic is an ever-growing danger to marine ecosystems throughout the world.

communities and consumers, we'll find the best path forward — market-by-market — as we work to meet these goals," he assures.

Recyclable packaging is key to their "World Without Waste" strategy which involves rethinking how bottles and cans are designed and made, and how they're recycled and repurposed. "Because our business is dependent on bottles and cans, we embrace our share of responsibility to help ensure that the world has a more sustainable packaging system in place. We're hopeful that this will be good for our business and the communities where we operate," says Jordan.

The affable father-of-two is passionate about the environment. With a PhD in Environmental Policy, he has been spearheading issues like climate change, packaging and agriculture within The Coca-Cola Company.

"My love for nature began while I was growing up in a peach farm back in rural Georgia," he reveals, grinning. "I came from an outdoorsy family and I spent a lot of my growing-up years out in the woods and developed a real appreciation for nature. When I got into the university and was deciding on what specialty to get into, it was a pretty easy decision to get into environmental engineering."

Soon after obtaining his Masters, Jordan joined The Coca-Cola Company and never looked back. "I did go back to school after 10 years to get my PhD," he adds, chuckling.

As a company dedicated to growth with conscience, Jordan says that Coca-Cola's packaging initiatives is an addition to the company's legacy of work on water replenishment and sugar reduction, because it's right for our world and our business," he attests, adding: "This initiative on packaging is just as critical as our work on beverage choice. Particularly as we expand or grow in many types of packaging, now is the time to expand our efforts in this area."

Still, littering isn't merely an issue exacerbated by manufacturers alone. "People around the world expect us to help lead the way toward solving this global challenge, but they recognise we can't do it alone. No one can. They also understand everyone has a part to play, and their companies like us can help make that easier to do," he says.

"Stop littering," concludes Jordan, emphatically. "It's been said again and again. 'Reduce, reuse, recycle'. Reuse when you can, recycle when you can't and choose sustainable materials. Don't litter and keep your waste out of the environment."

Sea turtles and other marine creatures mistake plastics and other garbage as food and ingest it. This causes blockages within their digestive system and eventual death.

collecting and recycling a bottle or can for every drink it sells globally by 2030, and renewing its focus on the entire packaging lifecycle.

"World Without Waste" is our new global approach to sustainable packaging," he explains, adding: "We've been involved in sustainable packaging for many years. In fact, if you go back to the late 1980s and early '90s, we were the first company to conduct an environmental life cycle assessment on packaging." Such in those days, he says, it was about litter reduction and keeping litter off the highways.

But it's time to do more, he concedes. "The issue of packaging waste — and specifically marine debris — is more visible, and more of a threat to our planet than ever. The world has a packaging problem, and we — like other companies — have a responsibility to help solve it and ensure bottles and cans don't end up where they don't belong," says Jordan, adding after a pause: "We want to be part of the solution, not just part of the problem. Our consumers expect us to lead this way. So we are."

According to Jordan, a team of more than 30 people across the global system — a mix of executives from corporate, business units out in the field and Coca-Cola's bottling partners — had been working on this strategy since August last year. "Our leadership has been extremely involved, and we shared it with several external stakeholder groups, who provided input before launch. We also considered other inputs based on evolving stakeholder, regulatory, consumer and customer expectations," reveals Jordan.

The strategy he says, comprises a three-pillar action framework, Design — where Coca-Cola aims to put out more sustainable packaging out in the marketplace. By 2025, the company aims to only put out packaging that is 100 per cent recyclable. Collect — Attractive consumer enjoys this product, to ensure that the packaging comes back for recycling. Partner — Coca-Cola believes in the value of partnership. "By working with our bottling partners, reusable non-governmental organisations, local

LAMPIRAN 20
UTUSAN MALAYSIA (LUAR NEGARA): MUKA SURAT 52
TARIKH: 3 NOVEMBER 2018 (SABTU)

Robot hantar barang ke rumah penduduk

■ LONDON 2 NOV.

ROBOT penghantar barang pertama di dunia dilancarkan di United Kingdom (UK) dan memulakan perkhidmatannya di bandar Milton Keynes.

Bandar itu merupakan yang pertama menggunakan robot keluaran firma Starship Technologies selain San Francisco yang akan memulakan penggunaannya lewat tahun ini.

Penduduk bandar Buckinghamshire akan menerima barang yang dihantar oleh robot terbabit ke pintu rumah masing-masing dengan bayaran yuran 7.99 pound (RM43) sebulan.

Perkhidmatan itu juga boleh diperolehi menerusi aplikasi *Starship Deliveries* yang boleh dimuat turun menerusi iOS dan Android, lapor portal *Daily Mail*.

Pandu uji robot berkenaan telah dilakukan di beberapa jalan raya di London untuk menghantar makanan dan di beberapa syarikat di California yang sering menggunakan perkhidmatan penghantaran barang.

Para pelanggan yang menggunakan perkhidmatan itu akan diberi 'alamat peribadi' untuk menggantikan alamat rumah mereka.

Bungkusan akan dihantar ke alamat tersebut menggunakan

cara biasa kemudian diambil dan dihantar ke alamat rumah pelanggan mengikut tempoh masa sesuai yang boleh diperolehi melalui hub Starship.

Milton Keynes dipilih sebagai kawasan ujian teknologi itu kerana mempunyai lorong yang luas dan susun atur moden yang mesra robot.

Robot berukuran 55 sentimeter (sm) lebar dan 70 sm panjang itu beroperasi menggunakan radar, GPS dan kamera 360 darjah.

Menggunakan enam roda dan mampu bergerak sepanjang 6.4 kilometer sejam, robot itu boleh membawa barang seberat 10 kilogram.



BARISAN robot bersiap sedia untuk menghantar barang ke rumah penduduk di Milton Keynes, United Kingdom. - AGENSI