

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

Bil	Berita	Media	Capaian Berita Penuh
1.	<u>Yeo: Plastic dumped here to be shipped back today</u>	New Straits Times	Klik pada tajuk berita / Rujuk lampiran 1
2.	<u>Plastic recycling factory granted a temporary operating licence in April / Temporary licence granted for waste recycling factory</u>	The Sun Daily	Klik pada tajuk berita / Rujuk lampiran 2
3.	<u>In Malaysia, a snag in US search for alternative to Chinese rare earths</u>	Business Insider	Klik pada tajuk berita
4.	<u>Plastic Mountain found in Perak jungle</u>	The Rakyat Post	Klik pada tajuk berita
5.	<u>In Malaysia, a snag in US search for alternative to Chinese rare earths</u>	www.hkcna.hk	Klik pada tajuk berita
6.	<u>2 kilang punca pencemaran udara diarah tutup</u>	Berita Harian	Klik pada tajuk berita
7.	<u>Kerjasama menyeluruh atasi pencemaran air Simpang Renggam</u>	Sinar Harian	Klik pada tajuk berita
8.	<u>Closure of Simpang Renggam CEP 1 landfill talks underway: Maszlee</u>	The Edge Prop	Klik pada tajuk berita
9.	<u>Govt plans to relax entry requirements for Chinese tourists</u>	The Star	Klik pada tajuk berita
10.	<u>MCA: Reveal plans on how to deal with imported plastic waste</u>	The Star	Klik pada tajuk berita

Bil	Berita	Media	Capaian Berita Penuh
11.	<u>JAS diarah siasat timbunan pembuangan plastik dari Britain</u>	Utusan Malaysia	Klik pada tajuk berita
12.	<u>JAS sita, tutup kilang hasil pencemaran bau / 2 kilang cemar bau diarah tutup</u>	Harian Metro	Klik pada tajuk berita / Rujuk lampiran 3
13.	<u>Dua kilang hasilkan pencemaran udara diarah tutup</u>	Sinar Harian	Klik pada tajuk berita
14.	<u>Siasat segera lambakan menggunung plastik sampah di pedalaman Perak</u>	Astro Awani	Klik pada tajuk berita
15.	<u>Tiada longgokan sampah dalam hutan di Ipoh</u>	Astro Awani	Klik pada tajuk berita
16.	<u>Segera siasat laporan akhbar luar negara</u>	Sinar Harian	Klik pada tajuk berita
17.	<u>OCBC ketua konsortium biaya LSS di Bukit Keteri, Perlis / OCBC ketua konsortium biaya loji solar skala besar</u>	Berita Harian	Klik pada tajuk berita / Rujuk lampiran 4
18.	<u>OCBC Bank takes lead in financing Perlis large scale solar plant</u>	The Star	Klik pada tajuk berita
19.	<u>OCBC Bank finances large scale solar project</u>	New Straits Times	Klik pada tajuk berita
20.	<u>OCBC Bank consortium to finance 30 MW in Malaysia</u>	PV Magazine	Klik pada tajuk berita
21.	<u>Tingkat operasi perangi kegiatan curi pasir</u>	Utusan Malaysia	Rujuk lampiran 5

Bil	Berita	Media	Capaian Berita Penuh
22.	<u>Dept disputes online report on plastic waste</u>	The Sun Daily	Rujuk lampiran 6
23.	<u>OCBC-led consortium to finance large-scale solar plant in Perlis</u>	New Straits Times	Rujuk lampiran 7
24.	<u>'Plastic jungle' a legal factory</u>	The Star	Rujuk Lampiran 8
25.	<u>Perlombongan pasir cemar Sungai Temiang</u>	Berita Harian	Rujuk Lampiran 9
26.	<u>Fish breeders in troubled waters</u>	The Star	Rujuk Lampiran 10

TEMPATAN

Bil	Berita	Media	Capaian Berita Penuh
27.	<u>WLP alternatif lestari - Lynas</u>	Utusan Malaysia	Klik pada tajuk berita
28.	<u>Penulenan air larut lesap alternatif batu fosfat dalam baja</u>	Sinar Harian	Klik pada tajuk berita
29.	<u>Problems with electricity bill? TNB invites users to visit shops</u>	Malaysiakini	Klik pada tajuk berita
30.	<u>TNB asserts smart meters are smart - urges users to attend Customer Day</u>	The Edge Prop	Klik pada tajuk berita
31.	<u>TNB: Smart Meters Are Working Just Fine & Not Misreading Monthly Power Usage</u>	World of Buzz	Klik pada tajuk berita
32.	<u>Online petition urges govt to probe TNB over alleged 'overcharging' after</u>	Malaymail	Klik pada tajuk berita

	<u>switching to smart meters</u>		
33.	<u>Bil elektrik naik: TNB diminta buat penjelasan / TNB didesak segera beri penjelasan</u>	Sinar Harian	Klik pada tajuk berita / Rujuk Lampiran 11
34.	<u>'Tiada penjelasan umum untuk dakwaan harga elektrik mencanak'</u>	Malaysiakini	Klik pada tajuk berita
35.	<u>Bil elektrik naik, hanya salah faham?</u>	Harian Metro	Klik pada tajuk berita
36.	<u>Rungutan bil tinggi, TNB minta pelanggan ke Kedai Tenaga</u>	Utusan Malaysia	Klik pada tajuk berita
37.	<u>TNB minta pelanggan terkesan ke Kedai Tenaga</u>	Berita Harian	Klik pada tajuk berita
38.	<u>Buat aduan bil elektrik ke Kedai Tenaga: TNB</u>	Sinar Harian	Klik pada tajuk berita
39.	<u>TNB minta pelanggan terkesan ke Kedai Tenaga</u>	Kosmo!	Klik pada tajuk berita
40.	<u>Hampir 30,000 tandatangan petisyen bantah kenaikan bil elektrik</u>	Sinar Harian	Klik pada tajuk berita
41.	<u>TNB jangan tambah beban pengguna</u>	Kosmo!	Klik pada tajuk berita
42.	<u>Villagers get electricity after 20 years</u>	Daily Express	Klik pada tajuk berita
43.	<u>Sarawak CM launches South-east Asia's first integrated hydrogen production plant</u>	Malaymail	Klik pada tajuk berita
44.	<u>Hyundai Delivers Nexo Hydrogen Cars to Malaysia Energy Firm</u>	Koreabizwire.com	Klik pada tajuk berita

45.	<u>Sarawak eksport hidrogen</u>	Berita Harian	Klik pada tajuk berita
46.	<u>OCBC ketua pembiayaan loji LSS Bukit Keteri</u>	Utusan Malaysia	Rujuk Lampiran 12
47.	<u>Perodua lancar Laman Hijau perkukuh inisiatif hijau</u>	Kosmo!	Rujuk Lampiran 13
48.	<u>Perodua perkukuh inisiatif hijau</u>	Utusan Malaysia	Rujuk Lampiran 14
49.	<u>New green body with bite</u>	The Star	Rujuk Lampiran 15
50.	<u>Sistem Pengering Suria Rumah Hijau</u>	Sinar Harian	Rujuk Lampiran 16
51.	<u>Graduan harus peka keperluan logistik IR 4.0</u>	Berita Harian	Rujuk Lampiran 17

ANTARABANGSA

Bil	Berita	Media	Capaian Berita Penuh
52.	<u>Taufan di Oklahoma, AS ragut dua nyawa, cederakan beberapa orang lagi</u>	Astro Awani	Klik pada tajuk berita
53.	<u>Seorang maut, 11 lagi cedera dalam gempa bumi di Peru</u>	Malaysiakini	Klik pada tajuk berita
54.	<u>Ribuan mangsa Palu tiada rumah</u>	Utusan Malaysia	Klik pada tajuk berita
55.	<u>Dua maut akibat puting beliung di AS</u>	Kosmo!	Rujuk Lampiran 18
56.	<u>Gempa kuat landa Peru, 1 maut</u>	Utusan Malaysia	Rujuk Lampiran 19
57.	<u>Tornadoes leave two dead</u>	The Star	Rujuk Lampiran 20



58.	<u>Arca ikan paus biru dibuat daripada sampah cemari lautan</u>	Kosmo!	Rujuk Lampiran 21
59.	<u>Dua maut puting beliung landa AS</u>	Berita Harian	Rujuk Lampiran 22
60.	<u>Pulau Ghoramara Semakin Tenggelam</u>	Harian Metro	Rujuk Lampiran 23
61.	<u>Derita dibadai taufan</u>	Harian Metro	Rujuk Lampiran 24

LAMPIRAN 1
NEW STRAITS TIMES (NEWS / STORY OF THE DAY): MUKA SURAT 2
TARIKH: 28 MEI 2019 (SELASA)

MALAYSIA TAKES THE LEAD

YEO: PLASTIC DUMPED HERE TO BE SHIPPED BACK TODAY



7 containers of contaminated waste in Port Klang to be returned to countries of origin, cost borne by firms which sent it here

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MORE than 400 tonnes of imported, contaminated plastic waste in Port Klang, Selangor, will be shipped back to their countries of origin today, signalling Malaysia's effort to take the lead in the global crusade against unscrupulous export of scrap.

The move to send back the gargantuan amount of imported waste also conveys an official stand against irresponsible acts of dumping plastic waste on foreign soil, which took place after last year's import ban by China

when the country decided to quit its role as the world's major plastic waste processor.

Malaysia was emboldened in its approach to regulating transboundary plastic waste movement after it successfully negotiated the Basel Convention to amend certain annexes, which saw government permission being required for the import of plastic waste from other countries.

Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin told the *New Straits Times* the war against imported plastic waste was about upholding Malaysia's dignity among developed countries, which have been practising a kind of "recycling myth".

She was tight-lipped on the details of the outgoing waste as most of it would be revealed in a press conference to be held in Port Klang today.

However, it was learnt that at least seven containers of contaminated plastic waste would be returned to their countries of origin. The cost would be borne by companies responsible for the export.

"We should not let ourselves become a dumping ground. That's why we want to control it (plastic waste imports). We want to fight back.

"They (other countries) are dumping it on us. We will fight back and send it back to them.

"They have to be responsible for this as it's really not only about the environment, but the dignity and sovereignty of the country," Yeo said in a special interview with the NST at the ministry here.

Yeo said today's shipment was a continuation of efforts to rid the

NEW STRAITS TIMES (NEWS / STORY OF THE DAY): MUKA SURAT 3
TARIKH: 28 MEI 2019 (SELASA)



Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin says Malaysia should not let itself become a dumping ground for imported plastic waste. (Inset) Yeo with ministry officials beside a container of plastic waste illegally brought into the country. It was discovered in Port Klang recently. PIC BY LUGMAN HAKIM ZUBIR AND NUR ADIBAH AHMAD IZAM



The front page of the 'New Straits Times' highlighting illegally plastic waste on May 18.

country of plastic waste imports, which also ended up in illegal plastic recycling factories in several states, including Selangor.

She said as a solution, state governments could enforce the National Land Code against landowners and occupants who allowed illegal plastic recycling factories to operate on their land. She said this was done in cases that occurred in Selangor.

As a result, many new cases were successfully resolved and the ministry was now receiving fewer complaints of illegal plastic recycling plants.

"There have been cases in Negri Sembilan, Kedah and Penang, but the most serious is in Selangor because it is near Port Klang."

In February, the NST highlighted the sufferings of residents in Jenjarom near Kuala Langat, Selangor, who had to endure the fumes and stench produced by the numerous illegal plastic recycling factories there.

It was reported that those factories processed an estimated 17,000 tonnes of plastic shipped to Malaysia.

Contaminated plastic waste dumping has become a problem worldwide since early last year, when China banned the import of those plastics. The ships (ferrying the plastic waste) which were on their way to China had to be diverted. Many of those ships sailed to Southeast Asian destinations. Malaysia, Indonesia and Thailand were affected due to the influx of plastic waste arriving at their ports.

Yeo said to address the problem, the ministry had imposed a freeze on the import of plastics categorised under "HS Code 3915", which involves plastic waste, scrap and parings, since July last year.

"We closed down 150 illegal plastic recycling factories, but we realised this was not enough."

"There was a need to curb it at its source, which is at the ports

because it (plastic waste) keeps coming in. Then we realised it was entering the country not under the right code. It gets smuggled in as well. Plastic waste gets smuggled in," said Yeo.

She described the discovery of these various layers of violations as something akin to "opening up a can of worms" as it painted a grave picture of the state of waste management not only in the region, but the entire world.

Yeo said it was possible that the illegally imported plastic waste in Malaysia is the highest recorded regionally, but it may also be possible that other countries have an equal or higher number of cases that go unrecorded.

"I think the statistics we are seeing may only be partly reflecting (the reality). I do not want to say anything that might shift this responsibility to others."

"But I think the issue is bigger than what is reported and involves more countries other than Malaysia."

"The Basel Convention is very important in this matter. That's why exporting countries taking responsibility and countries like us setting a good example are important."

"We must seek justice in this. It's not fair for people to dump rubbish on us, and that's why we need to fight."

During the 14th Conference of Parties to the Basel Convention (COP14) held from April 29 to May 10 in Geneva, Switzerland, Malaysia successfully negotiated for the convention to amend the annexes that were related to the transboundary movement of plastic waste.

This move was in support of an original proposal by Norway for unrestricted plastic waste under the convention's Annex IX to be classified under Annex II, which categorised the waste as requiring special consideration in the form of "prior informed consent" (PIC).

This consent would be granted by the importing country before a transboundary plastic waste movement was initiated.

Malaysia has been a party to the Basel Convention since 1993 alongside 186 other countries.

Yeo said the Malaysian experience in its fight against the plastic waste import stood as an example for other countries, and was important to make sure that hazardous plastic waste was not continually shipped to other countries.

"If (the waste) cannot enter Malaysia or Indonesia, it will go to countries that have no control (over such matters)."

"Let's say other countries receive it and cannot manage it, and it gets thrown into the ocean. Everybody shares the same ocean, and we will not solve the problem. The whole thing must be solved through an international framework." **Additional reporting by Dawn Chan**

“We must seek justice in this. It's not fair for people to dump rubbish on us, and that's why we need to fight.”

YEO BEE YIN
Energy, science, technology, environment and climate change minister

THE SUN DAILY (NEWS WITHOUT BORDERS): MUKA SURAT 5
TARIKH: 28 MEI 2019 (SELASA)

Temporary licence granted for waste recycling factory

► Company given until October to obtain environmental impact assessment

■ BY CHARLES RAMENDRAN
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SEPANG: A plastic recycling factory, owned by Chinese nationals that was shut down in March following complaints of air pollution by residents in Sungai Pelek, was granted a temporary operating licence following intervention by the Department of Environment (DoE).

Selangor Municipal Council (MPS) president Mohd Fauzi Mohd Yatim yesterday said the factory, Jingye Manufacturing Sdn Bhd at Jalan Sepang Batu 2, Sungai Pelek had

appealed against the shutdown of its operations by the council in March.

He told *theSun* that after the shutdown, the company had subsequently installed air pollution control equipment and effluent processing systems in its factory as required by law.

He said that following a technical review conducted by the DoE on the factory, MPS issued a six-month temporary licence in April.

Mohd Fauzi said this was to enable the factory operator to prepare its environmental impact assessment (EIA) report.

"The factory owners have until October to obtain an approval on its EIA report for it to continue operating. If it fails to do so, MPS will close down the factory again," he said.

theSun raised the matter with Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin yesterday but she has yet to comment on the case.

On Sunday, *theSun* carried a report of 200

residents, led by Sungai Pelek Joint-Associations of Religious Houses president Joshua Tee, protesting opposite the factory calling on the authorities to shut down the business as it had caused health and environmental problems.

Yesterday, Joshua told *theSun* that he was frustrated and disappointed with the DoE for allowing the factory to resume its operations.

"The DoE is supposed to protect the people from polluted environments but it had allowed a group of foreign nationals to operate a business that is detrimental to human lives. We are puzzled at what is going on. Last week, we reported this matter to the Malaysian Anti-Corruption Commission (MACC) as we are suspicious of the turn of events. However, the MACC told us that it had no grounds to investigate as the matter is under the DoE. We are really in a dilemma," he said.

Joshua said as of yesterday, residents continued to complain about noxious fume emissions from the factory.

HARIAN METRO (SETEMPAT): MUKA SURAT 24 TARIKH: 28 MEI 2019 (SELASA)



KILANG pembuatan perabot dan kitar semula plastik disita dan diarah tutup selepas dipercayai menghasilkan pencemaran bau.

Seremban

2 kilang cemar bau diarah tutup

Kilang pembuatan perabot dan kitar semula plastik di Senawang di sini, disita serta diarah tutup oleh Jabatan Alam Sekitar (JAS) Negeri Sembilan selepas dipercayai menghasilkan pencemaran bau.

Pengerusi Jawatankuasa Bertindak Kesihatan, Alam Sekitar, Koperasi dan Kepenggunaan, S Veerapan berkata, tindakan itu diambil sejurus siasatan dilakukan di kedua-dua kilang berkenaan pada 16 April dan 3 Mei lalu.

Katanya, serbuan pertama dilakukan di sebuah kilang pembuatan perabot yang mempunyai lesen dan mendapati kilang berkenaan melakukan kerja pembakaran serta penghasilan cecair gam.

“Aktiviti terbabit disyaki menjadi punca utama

pelepasan bau pelarut dan kimia ke kawasan perumahan berhampiran.

“JAS menyita kelengkapan di premis berkenaan mengikut Seksyen 38(1) Akta Kualiti Alam Sekeliling 1974,” katanya dalam kenyataan di sini, semalam.

Selain itu, Veerapan berkata, JAS turut menyerbu dan menjalankan siasatan terhadap sebuah kilang kitar semula plastik yang mempunyai lesen daripada Majlis Perbandaran Seremban (MPS).

“Kilang berkenaan mempunyai alat kawalan udara bagi semua mesin digunakan. Namun kilang itu didapati memproses jenis plastik keras yang mengeluarkan bau kuat. Keupayaan sistem kawalan udara didapati tidak mencukupi,” katanya.

BERITA HARIAN (BISNES): MUKA SURAT 59
TARIKH: 28 MEI 2019 (SELASA)

OCBC ketuai konsortium biaya loji solar skala besar

➔ Projek di Perlis babit usaha sama Hanwha Energy, Konsortium Berseri Jaya

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OCBC Bank (Malaysia) Bhd (OCBC Bank) mengetuai satu konsortium bagi membiayai loji solar berskala besar (LSS) di Bukit Keteri, Perlis sebagai usaha meningkatkan penjanaan kuasa daripada tenaga diperbaharui di Malaysia kepada 20 peratus menjelang 2025.

ia membabitkan usaha sama antara Hanwha Energy Corporation Singapore Pte Ltd dan Konsortium Berseri Jaya Sdn Bhd atau dikenali KBJ HECMY Sdn Bhd (KBJ HECMY).

Projek berkenaan juga sebagai penanda aras baharu bagi pembiayaan projek bersindiket

hijau membabitkan loji LSS di negara ini.

Pengarah Urusan yang juga Pegawai Bank Kanan OCBC Bank, Liputan Pelanggan & Ketua Perbankan Pelaburan, Tan Ai Chin, berkata OCBC Bank komited kepada pembangunan tenaga boleh diperbaharui di Malaysia, dengan menyokong sasaran Kerajaan Malaysia untuk meningkatkan peratus penjanaan kuasa daripada tenaga diperbaharui di negara ini kepada 20 peratus menjelang 2025.

"Pendekatan serampang dua mata kami terlebih dahulu memberhentikan pembiayaan loji jana kuasa arang batu dan kemudian menggantikannya dengan alternatif lebih mesra alam seperti loji LSS di Perlis.

Mula operasi komersial 2020

"Pembiayaan projek hijau bersindiket ini memperlihatkan kesungguhan kami untuk membiayai pembangunan lestari, selain menggiatkan usaha untuk meningkatkan peratus projek tenaga boleh diperbaharui dalam portfolio kami," katanya dalam satu kenyataan di Kuala Lumpur, semalam.

Loji solar berkenaan dijangka memulakan operasi komersial



Tan Ai Chin

menjelang suku kedua 2020 di bawah Perjanjian Pembelian Kuasa 21 tahun dengan Tenaga Nasional Bhd (TNB).

KBJ HECM adalah sebagai pengelola projek, manakala OCBC Bank ialah penaja jamin utama dan pengatur utama dimandatkan bagi pembiayaan projek bersindiket itu.

KBJ HECMY akan menggunakan dana daripada kemudahan ini untuk membiayai sebahagian daripada pembangunan loji jana kuasa solar 30MW di Perlis dan ia salah satu daripada pembida yang berjaya di bawah Pakej P3 (10MWa hingga 30MWac) dalam program tender LSS2 Suruhanjaya Tenaga.

Usaha pembiayaan projek berkenaan menyusuli pen-

gumuman Kumpulan OCBC bulan lalu berhubung dengan pemberhentian pembiayaan loji jana kuasa bersumberkan arang batu untuk menggalakkan pemindahan kepada sumber tenaga yang lebih bersih dan hijau.

Penanda aras loji LSS

Sementara itu, Ketua Pegawai Eksekutif Hanwha Energy Corporation, Du-Hyoung Ryoo, berkata ia adalah kali pertama syarikatnya menceburi pasaran Malaysia sebagai pemaju loji penjana tenaga solar (PV) dan diharap projek berkenaan akan menjadi penanda aras bagi loji LSS masa depan di rantau ini.

Hanwha Energy Corporation Singapore ialah anak syarikat milik penuh Hanwha Energy Corporation (HEC), sebuah syarikat penyedia penyelesaian tenaga multinasional.

HEC pula adalah sebahagian daripada Kumpulan Hanwha, salah satu daripada konglomerat perniagaan terbesar di Korea Selatan dengan kepentingan perniagaan meliputi bahan kimia, bahan aeroangkasa dan mekatronik; pembinaan, perkhidmatan kewangan, riadah dan gaya hidup serta tenaga.

UTUSAN MALAYSIA (DALAM NEGERI): MUKA SURAT 3 TARIKH: 28 MEI 2019 (SELASA)

Tingkat operasi perangi kegiatan curi pasir

KUALA LUMPUR 27 Mei - Penguatkuasaan bersepadu akan ditingkatkan secara berterusan oleh Jabatan Alam Sekitar (JAS) bersama agensi berkaitan bagi mengekang segala bentuk aktiviti perlombongan pasir secara haram di seluruh negara.

Ketua Pengarah JAS, Datuk Dr. Ahmad Kamarulnajib Che Ibrahim berkata, pihaknya dan beberapa agensi lain akan mewujudkan sinergi bagi menyelesaikan permasalahan berkaitan alam sekitar termasuk kes kecurian pasir yang berleluasa itu.

“Kita akan berganding bahu

dalam meningkatkan tugas penguatkuasaan, pemantauan menggunakan sistem dalam talian, pelaporan alam sekitar serta kajian-kajian secara menyeluruh berkaitan isu terbabit.

“Kita tidak mahu selepas ini kes curi pasir seumpama itu membawa kemusnahan yang lebih teruk kepada alam sekitar lebih lagi melibatkan pencemaran sungai, hakisan tebing, tanah runtuh dan gangguan hidupan di dasar air sekiranya projek itu berhampiran dengan sungai,” katanya dalam satu kenyataan di sini hari ini.



**AHMAD
KAMARULNAJIB**

THE SUN DAILY (NEWS WITHOUT BORDERS): MUKA SURAT 5
TARIKH: 28 MEI 2019 (SELASA)

Dept disputes online report on plastic waste

■ BY IAN MCINTYRE
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IPOH: The Perak Department of Environment (DoE) has disputed a report on a British-based online news site that plastic waste, including those from Wales, were found in a six-metre-high mound of discarded rubbish in the jungle.

Its state director Norazizi Adinan said that the waste was in essence confined and secured in an urbanised facility that recycles and converts it into processed engineered fuel (PEF). The PEF was then sold to cement operators in Malaysia.

Norazizi told journalists that the premises was operating legally and it was licensed by the Ipoh City Council.

"We monitor the operations to ensure it adheres to the Environment Quality Act 1974," he stressed,

Norazizi was asked to comment on a foreign report that there existed a six-metre-high plastic waste dumped in the state.

Underlining that the report was not factual, Norazizi said for now, the plastic recycling company has not flouted any regulations under the DoE.

It is also learnt that the company has allowed its operations director, K. Muralindran, to grant an interview with journalists, who visited the purported waste site.

He was quoted as saying that the waste was recycled diligently and sold to cement operators who use it to replace coal.

"We get the supply of plastic from 50 local recyclers and as far as we are concerned, the plastics is sourced locally," he said, adding that the company receives at least 4,000 tonnes of plastic waste monthly.

Monthly updates were also sent to the DoE and checks were conducted.

State executive councillor Dr Abdul Aziz Bari, who is in charge of environment matters, said that he has directed the DoE to probe the documentary's claims of unfiltered waste lying around in the jungles of Perak.

NEW STRAITS TIMES (BUSINESS): MUKA SURAT 16 TARIKH: 28 MEI 2019 (SELASA)

GREEN LOAN BENCHMARK

OCBC-led consortium to finance large-scale solar plant in Perlis

KUALA LUMPUR: A consortium of lenders led by OCBC Bank (M) Bhd is financing a large-scale solar (LSS) plant in Bukit Keteri, Perlis, setting the benchmark for green syndicated project financing involving LSS plants in the country.

OCBC Bank said the financing for project owner KBJ HECMY Sdn Bhd (KHSB) was aligned to meet the Asia Pacific Loan Market Association's green loan principles to ensure global acceptance and benchmarking.

OCBC Bank is the bookrunner and mandated lead arranger of the syndicated project financing.

KHSB is a joint venture between Hanwha Energy Corp Sin-

gapore Pte Ltd (HECS) and Konsortium Berseri Jaya Sdn Bhd.

It will use the proceeds from the facility to part-finance the development of the 30-megawatt solar plant in Perlis.

It was one of the successful bidders under Package P3 of the Energy Commission's LSS2 tender programme.

The solar plant is expected to commence operations by the second quarter of next year under a 21-year power purchase agreement with Tenaga Nasional Bhd.

The project financing effort comes on the heels of the OCBC Group's announcement last month that it would stop financ-

ing coal-fired power plants glob-

ally in order to inspire a shift to cleaner and greener sources of energy.

OCBC Bank managing director/senior banker (client coverage) and head of investment banking Tan Ai Chin said OCBC Bank was committed to the development of renewable energy in Malaysia, in support of the government's target to increase its generation mix of renewable energy to 20 per cent by 2025.

"Our two-pronged approach is to first cease financing coal-fired power plants and then replace them with greener alternatives, such as the LSS plant in Perlis.

"This syndicated green project financing is a testament of our



OCBC Bank (M) Bhd says it is committed to the development of renewable energy in Malaysia.

pledge to finance sustainable developments as we seek to ramp up efforts to increase the percentage of renewable energy projects in our portfolio," she said.

HECS chief executive officer Du-hyoung Ryoo said the initiative had brought together the industry's leading players in solar photovoltaic (PV) engineering, procurement, construction and manufacturing under one consortium.

"This is our first venture in Malaysia as a solar PV plant de-

veloper and we are hopeful the project will be a benchmark for future LSS plants in the region."

HECS is a wholly-owned subsidiary of multinational energy solutions provider Hanwha Energy Corp.

Hanwha Energy is part of the Hanwha Group, one of the largest business conglomerates in South Korea with business interests spanning chemicals and materials, aerospace and mechatronics, construction, financial services, leisure and lifestyle and energy.

THE STAR (NATION): MUKA SURAT 5
TARIKH: 28 MEI 2019 (SELASA)

'Plastic jungle' a legal factory

Perak DOE: British daily's report wrong, area is recycling plant storage



Heap of waste: A photographer taking a snapshot of the mounds of plastic waste at a storage area belonging to Resourceco Asia (M) Sdn Bhd at the IGB Industrial Area in Tasek, Ipoh.

IPOH: A controversy is brewing over towering mounds of plastic waste in what a British news website claims to be a jungle but is actually the storage area of a recycling factory in an industrial zone.

Reporters who went to the site at the IGB Industrial Area in Tasek saw plastic, cardboard and fabric waste piled up higher than a man's height and on area almost half as big as a football field.

But while the website claimed the plastic waste was dumped in Malaysia from overseas, Perak Department of Environment (DOE) insisted the premises operates legally, with the factory manager saying it no longer imports plastic waste and only processes it as fuel.

Perak DOE director Norazizi Adinan said the report by *Daily Mail* was not factually right.

"The premises is licensed by the Ipoh City Council. We monitor it regularly to ensure it adheres to the Environmental Quality Act," he said in a message to the media.

The *Daily Mail* Online quoted a BBC trailer from a three-part documentary that shows celebrity chef

Hugh Fearnley-Whittingstall discovering mountains of plastic waste from Britain intended for recycling but is instead dumped in Malaysia.

The chef has apparently found plastic packaging of well known British brands among the trash.

Greenpeace Malaysia campaigner Heng Kiah Chun said they found the mounds of plastic after getting a tip-off that waste was being shipped from Klang to Ipoh.

"We have only identified one location so far. We then shared the location with the BBC film crew who went there on their own," he said, adding that the visit by the BBC occurred about six months ago.

Malaysia or other countries, said Heng, should not be used as dumping grounds, adding that developed nations should stop putting their responsibility on others.

"They should put in place policies to reduce single-use plastics with the aim of a complete end," he said, adding that only about 9% of plastic waste was recycled globally.

"About 12% is incinerated and the remaining 79% ends up in landfill or the natural environment.

"This is a broken system and it is also clear recycling alone cannot fix our plastic problem," he said.

Meanwhile, plastic recycling company Resourceco Asia (M) Sdn Bhd operations director K. Muralindran thinks that some of the footage from the trailer were taken from his plastic waste storage area.

He said there was a trespassing incident involving four *Mat Salleh* (Caucasians) and three Malaysians in December.

"One of our security guards saw them and reported to me.

"They had cameras and were flying drones.

"I approached them, wanting to explain our operations at the factory but they declined, saying that they had to be elsewhere," he said.

His factory, which started in 2011, sources plastic waste from 50 companies nationwide.

"We get the waste daily, averaging some 4,000 tonnes per month.

"We don't know where the companies get the waste but they are responsible for sending it to us for recycling," he said.

"We take this waste, turn it into

processed engineered fuel (PEF) and sell this to cement factories to replace coal," Muralindran said, adding that about 90,000 tonnes of the solid fuel could be produced annually.

"We did import waste from Australia in 2015 but stopped doing so after being told by the state Environment Department," he said, claiming about 97% of the waste would be recycled, with the remaining 3% consisting of rejected materials.

"This also means we have stopped some 97% of waste from turning up at landfills," he said, adding that the Perak DOE conducted periodic checks on the factory.

"We also send them monthly reports," he said, adding that he would welcome any environmental groups to engage with them.

"What we are doing is quite new and I can understand if people find the mounds of plastic waste an eyesore," he said.

Under the PEF method, various non-recyclable waste materials are separated and shredded several times before being eventually produced into fuel.

BERITA HARIAN (SENTRAL): MUKA SURAT 69
TARIKH: 28 MEI 2019 (SELASA)

Perlombongan pasir cemar Sungai Temiang

JAS kenal pasti punca air jadi keruh, jejas penternak sekitar

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Seremban

Aktiviti perlombongan pasir berhampiran Taman Temiang Jaya, dikenali sebagai punca pencemaran air di Sungai Temiang di sini.

Pengerusi Jawatankuasa Kesihatan, Alam Sekitar, Koperasi dan Kepenggunaan negeri, S Veerapan, berkata pihaknya menerima aduan daripada orang awam bahawa sungai itu menjadi keruh sehingga memberi kesan kepada penternak sekitar.

Beliau berkata, sebaik menerima aduan itu pada 21 Mei lalu, beliau meminta Badan Kawal Selia Air Negeri Sembilan (BKSANS) menjalankan pemeriksaan bagi mengetahui punca sebenar pencemaran.

"Hasil pemeriksaan yang dijalankan mendapati punca kejadian disebabkan aktiviti perlombongan. Selain itu turut dikesan satu ban di kolam enapan lumpur (hasil cucian pasir) pecah kerana hujan lebat pada malam 20 Mei lalu, iaitu malam sebelum aduan diterima.

Kaji keperluan bina ban

"Ini menyebabkan aliran lumpur yang terkumpul dalam kolam enapan mengalir masuk terus ke sungai sekali gus menyebabkan sungai menjadi keruh," katanya dalam kenyataannya di sini, semalam.

Veerapan berkata, pada hari sama, pengusaha aktiviti melombongan pasir mengambil langkah melakukan baik pulih ban yang pecah, namun ia mengambil masa kerana kekurangan kemudahan berikutan aktiviti pengorekan pa-



Turut dikesan satu ban di kolam enapan lumpur (hasil cucian pasir) pecah kerana hujan lebat pada malam 20 Mei lalu, iaitu malam sebelum aduan diterima"

S Veerapan,
Pengerusi Jawatankuasa Kesihatan, Alam Sekitar, Koperasi dan Kepenggunaan Negeri Sembilan



Aliran lumpur terkumpul dalam kolam enapan mengalir masuk terus ke sungai punca air keruh.

sir diteruskan seperti biasa.

"BKSANS mencadangkan Jabatan Pengairan dan Saliran negeri mengkaji keperluan membina ban kolam enapan terakhir (sebelum masuk sungai) dengan menggunakan batuan dan konkrit bagi mengelak kejadian sama berlaku pada masa akan datang," katanya.

JAS arah 2 kilang ditutup

Sementara itu, Veerapan berkata, Jabatan Alam Sekitar (JAS) mengarahkan dua kilang di Kawasan Perindustrian Sungai Gadut, Senawang, ditutup kerana dipercayai menghasilkan pencemaran udara.

Katanya, serbuan di kilang pembuatan perabot berlesen pada 16 Mei lalu, mengesan berlaku pembakaran serta penghasilan cecair gam yang disyaki menjadi punca pelepasan bau pelarut dan kimia ke kawasan perumahan berhampiran.


"JAS menyita kelengkapan di premis itu mengikut Seksyen 38(1) Akta Kualiti Alam Sekeliling 1974," katanya.



Aliran lumpur kolam enapan melalui celah ban yang pecah di lokasi aktiviti perlombongan pasir di Sungai Temiang.



THE STAR (STAR EXCLUSIVE): MUKA SURAT 1
TARIKH: 28 MEI 2019 (SELASA)



Fish breeders in troubled waters

The sea off Teluk Bahang may have a high level of nickel while an oil slick has turned the Sungai Tengah river mouth pitch black. Until DoE's test results come in, the source cannot be ascertained. But one thing's for sure - fish farmers are suffering by the day. > See reports by ARNOLD LOFT & R. SEKARAN on page 4

**Star
Exclusive**

LIM BENG TATT/The Star

THE STAR (STAR EXCLUSIVE): MUKA SURAT 1
TARIKH: 28 MEI 2019 (SELASA)

Serious water pollution in Penang

While fish breeders are hit hard by contamination in Teluk Bahang, fishermen in Nibong Tebal claim the black water in Sg Tengah has been around for 10 years.

By R. SEKARAN
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GEORGE TOWN: Penang is facing serious water pollution issues, both on the island and the mainland.

The sea off Teluk Bahang is said to be contaminated by heavy metals while in Nibong Tebal, the water at the Sungai Tengah river mouth is black, a problem fishermen there claim has been plaguing them for about 10 years.

The situation in the north of the island looks far more serious. Weeks ago only a few fish were found dead. Now, fishes are dying by the thousands.

This has deprived fish breeders of their source of income as thousands of ikan kerapu (groupers) are dying in fish cages.

"We use to sell about 500kgs of fish at markets and restaurants during the Chinese New Year and about 100kgs at normal times," said breeder Lim Suan Gian, 64, at his farm in Teluk Bahang.

"However, we only managed to sell about 40 to 50kgs over the last two months as most of them ended up dead."

"We are baffled. The Fisheries Department took samples of the dead fish several times but as of today, there has been no indication of what caused the deaths," Lim said, adding that he suffered losses of about RM130,000 since April.

Another breeder, Ooi Hye Hin, 57, said he took up a RM300,000 loan from Agro Bank to buy fish fry and now cannot pay the RM3,000 monthly payments because of this.

"Both Lim and I have made five police reports as we have no other income and are not able to service our bank loans," Ooi said.

He said the dead fish at the farms would have to be thrown away while those that were still alive would remain in the cages.

"We have stopped sending our fish supply to customers since April," he added.

A check by *The Star* saw a white foam on the water surface surrounding the five fish farms.

There was also the spread of algae blooms in the vicinity.

"We are not experts but the blackish sea water is not oil or mud, as fish would not die because of that," said breeder Wong Tien Swee, 37.

"The Department of Environment (DoE) and the Fisheries Department must find a solution fast before the entire aquaculture industry in this area goes under," he said.

"Some of my friends have invest-



Contaminated waters: An aerial view of the affected fish farms in Teluk Bahang. Fish farm owners (from right) Lim Suan Gian, Ooi Hye Hin and Wong Tien Swee say they are not sure what is killing their fishes and are awaiting test results from the Fisheries Department.

ed about RM15,000 to RM20,000 each in my business.

"Now, I have to tell them their investments are in jeopardy," said Wong.

Fisheries Department director Noraisyah Abu Bakar said she had written to the Agro Bank, requesting it to extend the date of Ooi's monthly instalments.

"I understand the predicament of the fish farmers," she said.

"We have sent samples to our lab but it will take some time before we can determine the cause of death," Noraisyah said, adding she could

confirm if the fish are safe for consumption until then.

Noraisyah added that she was also working closely with Professor Datuk Dr Aileen Tan, the Centre for Marine and Coastal Studies (Cemac) director.

Prof Tan was the first to discover the high levels of nickel contamination in the seas of Teluk Bahang.

"We just can't conclude that it was nickel as the DoE needs to confirm the source," said Noraisyah.

"It would be premature for now to confirm if the fishes were killed due to nickel poisoning."

Cemac had reported that the level of nickel was 1,038% more than it should be in the seas near the National Park and 982% higher at the fish farms in Teluk Bahang.

Two weeks ago, Prof Tan said that the Universiti Sains Malaysia's Chemistry Department discovered nickel in the waters off Teluk Bahang at 0.472 parts per million (ppm), 944% more than the standard 0.005ppm in typical sea water.

She said lead was found at 184% above normal or 0.804ppm, when it should be only 0.005ppm while cadmium was 32% higher at

0.065ppm instead of 0.002ppm.

State Environment Committee chairman Phee Boon Poh said there were no reports of fishes dying or swimmers being affected by the pollution and the DoE was monitoring the situation.

"We will know the main cause of the issue and the source when the results of tests have been released," he said.

Watch the video  thestartv.com

Low tide reveals contamination in Sungai Tengah

By ARNOLD LOH
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NIBONG TEBAL: Environmentalists who went to plant mangrove trees at the Sungai Tengah river mouth, received a rude shock when they saw pitch black water and an oil slick so thick that it appeared to flow into the sea.

A local NGO said low tide revealed the devastation industrial and agricultural pollution had caused to the river.

"When sea water retreats, nothing is left to hide the blackness of

the water and the putrid stench, even near the river mouth," he said. Their dismay, however, did not surprise local fisherman Abdul Rahman Ibrahim.

"Groups sometimes come here to plant mangrove seedlings to help the environment," he said. "The only way to plant them is when the tide is lowest."

"They have to walk on the exposed mudflats, and that's when you see the pollution," he added.

The damage, he explained, was not new. It began 10 years ago and has become worse over the years.

"Last time, the sea, just outside the river mouth, was rich in *sotong kurita*, *udang lipan* and crabs. Now, there is none."

Sotong kurita (webfoot octopus) and *Udang lipan* (mantis prawn) are pricey delicacies found in the high seas.

Abdul Rahman recalled the "good, old days" when it seemed like a festival at sea. Boats would come from Kedah and Perak to join Penang fishermen outside the Sungai Tengah river mouth when the webfoot octopus or mantis prawn would be in season. "They

are all gone now," he said.

"Sometimes, we'll be amazed to even trap one," he added.

Appalled, SAM president, the late S.M. Mohamed Idris had issued a press statement late last month, vociferously calling on the authorities not to delay enforcement.

It was one of the last environmental issues Mohamed Idris championed before he died last week.

"SAM believes the state of the river is caused by waste and effluents from palm oil factories, chicken farms and the nearby Pulau

Burung landfill.

"The water is pitch black and there is a layer of oil on the surface. Plastic waste is floating everywhere and even lodged into mud at the mangrove swamps," he had said.

Mohamed Idris had called on the state government, the Seberang Municipal Council, the Department of Environment, the Drainage and Irrigation Department and Veterinary Services Department to use the full might of the law to compel unscrupulous factory owners and farmers to comply with environmental regulations.

SINAR HARIAN (NASIONAL): MUKA SURAT 6 TARIKH: 28 MEI 2019 (SELASA)

TNB didesak segera beri penjelasan

BIL ELEKTRIK NAIK
KUALA LUMPUR - Parti Bumiputera Perakasa Malaysia (Putra) mendesak Tenaga Nasional Berhad (TNB) menjelaskan kepada rakyat berhubung rungutan pengguna yang mendakwa bil elektrik naik mendadak sejak kebela-

kangan ini. Ketua Wirawatinya, Dr Asmah Razalli berkata, Putra membantah sekerasnya kenaikan itu kerana rakyat terbeban dan pastinya ia juga menyebabkan kos sara hidup mereka meningkat. "Putra berharap TNB dan

kerajaan Pakatan Harapan (PH) membuat keputusan yang tidak membebankan rakyat Malaysia dan mengutamakan kos sara hidup rakyat kini.

"Kekecewaan rakyat terhadap janji kerajaan seharusnya tidak dipandang sebelah mata. Jangan bebankan rakyat tanpa

mencari solusi yang terbaik demi kesejahteraan rakyat dan negara," katanya dalam satu kenyataan di sini semalam.

Kelmarin, TNB menjelaskan jumlah bil elektrik yang perlu dibayar adalah berdasarkan kepada bacaan meter selepas ramai pengguna media sosial

mendedahkan bil elektrik mereka melambung tinggi.

Menerusi soalan lazim (FAQ) dalam laman sesawang TNB, sekiranya meter dibaca melebihi tempoh 31 hari, maka TNB akan menggunakan pengiraan secara prorata berdasarkan bilangan hari pembilan.

UTUSAN MALAYSIA (BISNES): MUKA SURAT 37 TARIKH: 28 MEI 2019 (SELASA)

OCBC ketuai pembiayaan loji LSS Bukit Keteri

KUALA LUMPUR 27 Mei - OCBC Bank (OCBC) mengumumkan pihaknya akan mengetuai konsortium peminjam untuk membiayai loji solar berskala besar (LSS) di Bukit Keteri, Perlis.

Pengarah Urusan dan Pegawai Bank Kanan Liputan Pelanggan dan Ketua Perbankan Pelaburan OCBC Bank, Tan Ai Chin berkata, bank tersebut adalah penaja jamin dan pengatur utama yang diamanahkan untuk pembiayaan projek bersindiket tersebut.

Beliau berkata, KBJ HECMY Sdn. Bhd. yang merupakan syarikat pengelola projek hasil usaha sama antara Hanwha Energy Cor-

poration Singapore Pte. Ltd. dan Konsortium Berseri Jaya Sdn. Bhd. akan menggunakan hasil daripada kemudahan tersebut untuk membiayai sebahagian pembangunan kilang solar 30 megawatt (mW) mereka di Perlis.

"Struktur pembiayaan bagi KBJ HECMY disasarkan untuk memenuhi Prinsip Pinjaman Hijau Persatuan Pasaran Pinjaman Asia Pasifik (APLMA) demi memastikan ia diterima dan memenuhi piawaian peringkat global.

"Usaha pembiayaan projek ini juga selari dengan pengu- muman Kumpulan OCBC bulan lepas berhubung dengan pem-

berhentian pembiayaan loji jana kuasa bersumberkan arang batu untuk menggalakkan peminda- han kepada sumber tenaga yang lebih bersih dan hijau," katanya dalam kenyataan di sini hari ini.

Ai Chin berkata, OCBC komi- ted kepada pembangunan tenaga boleh diperbaharui di Malaysia, dengan menyokong sasaran kerajaan Malaysia un- tuk meningkatkan peratus pen- janaan kuasa daripada tenaga diperbaharui di negara ini ke- pada 20 peratus menjelang 2025.

"Pendekatan serampang dua mata kami terlebih dahulu memberhentikan pembiayaan

loji jana kuasa arang batu dan kemudian menggantikannya dengan alternatif lebih mesra alam seperti loji LSS di Perlis.

"Pembiayaan projek hijau bersindiket ini memperlihatkan kesungguhan kami untuk mem- biayai pembangunan lestari sambil kami menggiatkan usa- ha meningkatkan peratus pro- jek tenaga boleh diperbaharui dalam portfolio kami," katanya.

Sementara itu Ketua Pega- wai Eksekutif Hanwha Energy Corporation, Du-Hyoung Ryoo berkata, syarikatnya teruja de- ngan inisiatif itu dan berbesar hati untuk menghimpunkan pa-

kar-pakar utama industri dalam bidang kejuruteraan, pemerole- han, pembinaan dan pembuatan fotovoltaiik suria di bawah satu konsortium.

"Ini merupakan kali pertama kami menceburi pasaran Ma- laysia sebagai pemaju loji PV solar dan kami berharap projek ini akan menjadi penanda aras bagi loji LSS masa depan yang berkaitan di rantau ini," katanya.

Loji solar berkenaan dijangka memulakan operasi komersial menjelang suku kedua 2020 di bawah Perjanjian Pembelian Kuasa 21 tahun dengan Tenaga Nasional Bhd. (TNB).

KOSMO! (NIAGA): MUKA SURAT 43 TARIKH: 28 MEI 2019 (SELASA)

Perodua lancar Laman Hijau perkukuh inisiatif hijau

KUALA LUMPUR - Perodua membuktikan komitmennya ke arah operasi yang lebih hijau, mesra alam dan mampan menerusi pelancaran Laman Hijau yang terletak di kampus ibu pejabat dan pengeluarannya di Sungai Choh, Rawang.



PERODUA

Laman Hijau merupakan kawasan rekreasi terbuka untuk kakitangan Perodua yang dihiasi tumbuhan hijau serta air pancut yang dikuasakan dengan tenaga elektrik suria.

Presiden dan Ketua Pegawai Eksekutif Perodua, Datuk Zainal Abidin

Ahmad berkata, inisiatif hijau yang dilaksanakan termasuk pemasangan panel suria di atas bumbung kilang pengeluaran manakala kemudahan bilik lokar kakitangan, Lemari turut menggunakan dinding hijau untuk penebatan semula jadi.

"Kami akan memasang panel suria di kebanyakan bangunan di kampus kami.

"Kami juga mengumpul dan mengguna semula sumber semula jadi lain seperti air hujan dan air atmosfera di samping melanjutkan usaha kami untuk mengurangkan



ZAINAL ABIDIN (tujuh dari kanan) bersama kakitangan Perodua pada majlis pelancaran Laman Hijau di Sungai Choh, Rawang baru-baru ini.

pembaziran serta meningkatkan kecekapan operasi," katanya menerusi kenyataan yang dikeluarkan

di sini baru-baru ini.

Inisiatif hijau Perodua bermula pada Jun 2017 dengan pengumuman Ta-

man ECO yang bakal dilancarkan bulan hadapan. Taman seluas 1,500 meter persegi itu mengguna-

kan bahan kitar semula dalam pembinaannya selain tenaga suria serta pelbagai tumbuh-tumbuhan.

UTUSAN MALAYSIA (BISNES): MUKA SURAT 37 TARIKH: 28 MEI 2019 (SELASA)



LAMAN Hijau di kampus ibu pejabat dan pengeluaran Perodua di Sungai Choh, Rawang, Selangor.

Perodua perkukuh inisiatif hijau

Oleh **NUR HANANI AZMAN**
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■ KUALA LUMPUR 27 MEI

PERUSAHAAN Otomobil Kedua Sdn. Bhd. (Perodua) melancarkan Laman Hijau di kampus ibu pejabat dan pengeluaran Perodua di Sungai Choh membuktikan komitmennya terhadap operasi hijau, mesra alam dan mapan.

Presiden dan Ketua Pegawai Eksekutif Perodua, Datuk Zainal Abidin Ahmad berkata, Laman Hijau merupakan kawasan rekreasi terbuka untuk kakitangannya yang dihiasi tumbuhan hijau dan air pancut dikuasakan dengan tenaga elektrik solar.

Katanya, kampus 162 hektar Perodua terdiri daripada bangunan korporat, fasiliti penyelidikan dan pembangunan (R&D), dua kilang pengeluaran ken-

deraan, pusat alat ganti, pusat latihan dan pusat jagaan kanak-kanak.

“Inisiatif hijau ini termasuk pemasangan panel suria di atas bumbung kilang pengeluaran dan kami akan memasang panel solar di kebanyakan bangunan di kampus. Kemudahan bilik loker kakitangan baharu kami, Almari, juga menggunakan dinding hijau untuk penebatan semula jadi.

“Seiring dengan produk Perodua yang cekap bahan api, ini cara kami memastikan pertumbuhan yang mapan dalam ekosistem semula jadi,” katanya dalam kenyataan di sini hari ini.

Inisiatif hijau Perodua bermula pada Jun 2017 dengan penguasaan Taman ECO yang bakal dilancarkan bulan hadapan.

Zainal berkata, taman seluas 1,500 meter persegi ini menggu-

nakan bahan kitar semula dalam pembinaannya, tenaga solar dan pelbagai tumbuh-tumbuhan.

“Sejak itu, kami telah melaksanakan amalan terbaik untuk operasi yang mapan dengan tujuan memelihara alam sekitar dan memaksimumkan kecekapan kami.

“Industri kami bergantung kepada tenaga dan sumber. Oleh itu, kita harus sentiasa mencari kaedah baharu untuk menggunakan tenaga dengan lebih cekap jika kami inginkan Malaysia yang lebih bersih dan hijau untuk kita semua,” katanya.

Perodua merupakan pengeluar Kenderaan Cepak Tenaga (EEV) Nombor Satu di Malaysia dan telah menghasilkan dan menjual lebih 650,000 EEV, termasuk Axia, Bezza, Myvi generasi ketiga serta SUV tujuh tempat duduk, Aruz setakat ini.

THE STAR (VIEWS): MUKA SURAT 17
TARIKH: 28 MEI 2019 (SELASA)

New green body with bite

FOR four decades now, the **Environmental Quality Act 1974 (EQA)** has been the main law governing all environmental matters. As such, the proposal that amendments be made to the EQA is timely. However, any amendment made must address the all-too-common pitfall of Malaysian legislation – enforcement.

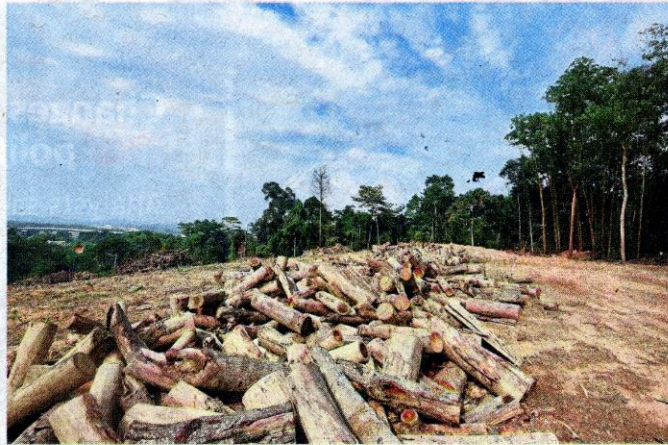
Lack of enforcement coupled with tedious government red tape and difficulty for the average Malaysian to access justice would result in the best of legislations failing to live up to their intended objectives.

The commonly held notion is that the law is skewed to favour the powerful minority at the expense of the powerless majority, resulting in a lack of checks and balances on the government and the various agencies tasked to carry out its will.

An independent statutory body with investigative powers is urgently needed to ensure that the relevant government agencies are held to account for their actions.

The inability at present to hold the government and corporations to account and to ensure that proper procedures are being followed has led to much environmental destruction.

Take, for example, the case of the construction of power lines by Tenaga Nasional in the Janda Baik area in Pahang. From the earliest stage, several complaints of breaches of law and procedure were lodged, but despite the best efforts of the residents, the various agencies were slow to respond. In the meantime, the people of Janda Baik had to bear the brunt of the destruction, with their water source polluted and their lush green environment destroyed.



The perpetrators of environmental destruction, be they loggers, developers or utility agencies, continue freely with their projects, possibly leading to more destruction with little avenue available to hold them accountable or to stop further destruction.

Another incident that has made the news in recent times is the pollution of Sungai Kim Kim in Johor. Residents of Pasir Gudang had been aware of the river pollution for many years and had reported it but no action was taken by the government agencies concerned.

These incidents are just the tip of the iceberg when it comes to the EQA's inability to impose adequate checks and balances on the government and its agencies at the earliest opportunity.

While development is certainly important for any country, it is also important to ensure that work is carried out in accordance with the law. Any new environmental body would need to be equipped with the power to receive and investigate complaints on all matters per-

taining to the environment.

It must also have power to compel relevant ministers to respond to the findings of its investigations and to demand remedial action.

To achieve this while remaining independent, impartial and non-partisan, it must be an external body established by an act of Parliament and, ideally, incorporated into the present amendments to the EQA.

Providing it with adequate funding is also crucial to ensure its independence and to facilitate its investigative powers.

To strengthen this body further, its members should be elected, albeit with some government appointments.

It should be made accountable to Parliament, and must be easily accessible to all, particularly those who are unable to afford expensive litigation.

This statutory body must also be given powers to carry out investigations at the state level on matters involving land transactions by the government, particularly the

degazettement of forest reserves. This is because matters pertaining to land are under the purview of state governments.

One form of environmental destruction that is flourishing due to this jurisdictional separation between federal and state is logging.

The recent blockade of a road leading to a logging area by the orang asli community in Kampung Tasik Cunex in Gerik, Perak, is the type of incident that could be handled by this new body. The blockade arose after the orang asli said the loggers were encroaching on their customary land.

Limiting the powers of the new body only to matters falling under the purview of the federal government would mean the bulk of environmental complaints, including land issues, would go unaddressed.

The benefits of such a body must be considered, as it would improve the accountability and discipline of ministries, their officials and agencies.

It would also help to ensure that the state's actions are not biased towards corporations, and there is no corruption or abuse of power.

Such a body would serve to elevate the present standards of sustainable development we now hold.

High environmental standards are worth fighting for, and a powerful framework is needed to ensure that these standards are implemented and enforced on all parties concerned.

A key role for environmental law is to empower those seeking to hold the government to account. After all, accountability is at the heart of democracy.

KUHANRAJ MANOKARAN
Kuala Lumpur

SINAR HARIAN (KAMPUS UOLS): MUKA SURAT 32 TARIKH: 28 MEI 2019 (SELASA)

DALAM memastikan proses pengeringan makanan atau tumbuhan lebih bersih dan selamat, Universiti Kebangsaan Malaysia (UKM) telah menghasilkan Sistem Pengering Suria Rumah Hijau yang mesra alam di beberapa negeri di Malaysia.

Penghasilan sistem itu dibuat selepas mendapati pengeringan produk pertanian termasuklah makanan laut mengikut kaedah tradisional secara terbuka di bawah sinaran matahari boleh menjejaskan kualiti dan kebersihan produk disebabkan oleh pencemaran udara.

Sistem pengering suria mempunyai beberapa kelebihan antaranya proses pengeringan boleh dikawal, dapat mengelakkan ancaman serangga dan binatang, lebih bersih dan dapat menjamin mutu hasil komoditi serta mempercepatkan proses pengeringan.

Felo Penyelidik Utama, Institut Penyelidikan Tenaga Suria (SERI) UKM, Prof Dr Mohd Hafidz Ruslan berkata, sistem pengering suria adalah tenaga yang diperbaharui iaitu tenaga yang diperoleh daripada tenaga matahari, angin, ombak dan geotermia.

"Di UKM, kami sentiasa terbuka untuk membawa produk penyelidikan kami kepada komuniti. Contohnya, Sistem Pengering Suria Rumah Hijau seperti yang ada di Taman Kebun Bandar di sini yang menghubungkan UKM bersama masyarakat dengan komuniti," katanya pada Program Hari Bumi 2019, baru-baru ini.

Bellau berkata, UKM telah menjalani proses percubaan sistem pengeringan suria di beberapa kawasan iaitu di Chuping, Perlis; Taiping, Bidor dan Tanjung Malim, Perak; Semporna, Sabah dan Pontian, Johor.

"Sistem pengeringan itu mampu menghasilkan suhu antara 40 hingga 60 darjah selsius yang sesuai untuk pengeringan produk pertanian terutamanya herba yang hanya mengambil masa dua hingga tiga hari untuk melalui proses pengeringan.

"Antara bahan pertanian yang dikeringkan di kawasan-kawasan tersebut ialah kenaf, makanan laut termasuklah rumpai laut, herba perubatan, asam gelugor dan sebagainya," ujarnya.

Katanya, penggunaan teknologi

Sistem Pengering Suria Rumah Hijau

Tingkat kualiti produk pertanian



PROF DR MOHD HAFIDZ RUSLAN (empat, kanan) bergambar di hadapan Sistem Pengering Suria Rumah Hijau bersama penyelidik dari UKM dan UPSI.



MOHD HAFIDZ

fotovoltan untuk menjana kipas dan tenaga bateri serta pengumpulan suria untuk menghasilkan udara panas dapat memberi kesedaran tentang penjimatan tenaga untuk mengurangkan kesan pencemaran demi kesejahteraan generasi masyarakat akan datang.

Prof Dr Mohd Hafidz berkata, pihaknya juga merancang untuk mengkomersialkan sistem

pengeringan itu khusus untuk pihak yang terbabit dalam industri makanan atau pertanian.

Satu unit sistem itu membabitkan kos kira-kira RM20,000.



ANTARA produk makanan yang dikeringkan adalah nangka, agar-agar dan daun herba.



HASIL daun-daun herba dan agar-agar kering yang dikeringkan menggunakan Sistem Pengering Suria Rumah Hijau di Tanjung Malim.

**BERITA HARIAN (SURAT PEMBACA): MUKA SURAT 78
TARIKH: 28 MEI 2019 (SELASA)**

Graduan harus peka keperluan logistik IR 4.0

[FOTO HIASAN]

Peredaran zaman menuntut manusia lebih kompetitif dan berdaya saing, lebih-lebih lagi dengan teknologi yang berubah saban waktu.

Hasil kajian dan penyelidikan semakin bercambah, namun adakah graduan kita sudah mempersiapkan diri menghadapi semua cabaran ini?

Sudah tiba masanya institusi pengajian tinggi (IPT) memberi penekanan terhadap keperluan logistik Revolusi Perindustrian 4.0 (IR 4.0) agar dapat meningkatkan tahap kebolehpasaran graduan dan menjadi nilai ketika menghadiri temu duga kerja kelak.

Pemupukan kreativiti

Antara perkara wajar diberi pendedahan seperti berfikir secara kritikal, dapat menyelesaikan masalah secara profesional, kemampuan berkomunikasi, jaringan kerjasama, pemupukan kreativiti dan pengawalan emosi. Semua nilai ini harus disuburkan agar graduan bersedia mendepani cabaran teknologi dan automasi yang menuntut kecekapan pengendali dalam menguruskan dunia pekerjaan yang bermain dengan simulasi, realiti maya serta robotik.

Semestinya impak IR 4.0 memberi banyak faedah kepada majikan terutamanya dalam aspek penjimatan kos pengurusan, pengawalan masa yang efisien, pengurusan rantaian bekalan yang cekap serta pengendalian aspek logistik moden dan mesra alam.

Apabila menyentuh aspek berfikir secara kritikal, graduan harus peka dan sentiasa mempunyai idea atau konsep baharu untuk membuah fikiran dan pendapat. Pemikiran ini tidak akan hadir jika graduan



Persidangan pendidikan tinggi dan IR 4.0 mampu cari jalan meningkatkan tahap kebolehpasaran graduan.

miskin ilmu akibat kurang membaca dan tidak bercampur dengan golongan ilmuwan mahupun pemain industri.

Teknik penyelesaian masalah secara profesional amat dituntut dalam dunia pekerjaan. Adakah graduan kita mampu mendepani masalah sebaik mungkin atau memburukkan lagi keadaan? Di sinilah pentingnya profesionalisme agar sesuatu polemik dapat ditangani.

Kemampuan berkomunikasi amat dituntut bagi membawa graduan pergi lebih jauh merentasi sempadan antarabangsa. Mengambil contoh tokoh perniagaan Jack Ma, kemampuan bertutur bahasa Inggeris dengan baik membantunya melebarkan sayap perniagaan dalam talian.

Pelajari bahasa ketiga

Graduan boleh mempelajari bahasa ketiga seperti Mandarin kerana kebangkitan negara China dalam mencipta semula Laluan Sutera (darat dan maritim) yang tidak boleh dipandang enteng.

Menariknya, jika graduan mampu bertutur bahasa Inggeris dan Mandarin dengan baik, tidak mustahil mereka mencipta jaringan kerjasama dengan syarikat besar khususnya dari China.

Namun harus diingat, bahasa kebangsaan juga usah dikesampingkan.

Graduan harus proaktif mencipta inovasi untuk mempelbagaikan hasil produk syarikat. Di negara Matahari Terbit, penciptaan inovasi begitu terkeha-

dapan dan melangkaui pemikiran kita.

Semua inovasi boleh dibanggakan dan dicontohi, namun harus diingat kita juga perlu bijak mengawal emosi secara stabil dan konsisten. Tiada guna ratusan inovasi dihasilkan, namun tahap tekanan tidak kurang tingginya sehingga mengundang masalah kesihatan.

Kesimpulannya, graduan wajib melengkapkan diri dengan pemikiran kritikal agar dapat menyelesaikan masalah dengan profesional dan seterusnya berkomunikasi secara berhemah.

Dr Mohd Saipuddin Suliman dan Mimi Suriani Mat Daud,
Johor Darul Ta'zim

KOSMO! (DUNIA): MUKA SURAT 43 TARIKH: 28 MEI 2019 (SELASA)



SEBUAH kawasan menempatkan rumah bergerak rosak teruk akibat dilanda puting beliung di bandar El Reno, Oklahoma pada Sabtu lalu .

TWITTER/NWS NORMAN

Dua maut akibat puting beliung di AS

WASHINGTON - Pasukan penyelamat di negeri Oklahoma, Amerika Syarikat (AS) berusaha mencari mangsa-mangsa terselamat di dalam rumah bergerak dan struktur lain yang dimusnahkan puting beliung. Sekurang-kurangnya dua orang terkorban dalam ben-

cana itu.

"Buat masa ini kami sedang melakukan usaha mencari dan menilai kerosakan. Kami boleh mengesahkan dua kematian setakat ini," kata Datuk Bandar El Reno, Matt White kepada pemberita pada satu sidang akhbar kelmarin. Bencana itu mengaki-

batkan trauma teruk, kata White.

Bandar yang terletak kira-kira 40 kilometer ke barat Bandar Raya Oklahoma itu baru sahaja pulih daripada banjir teruk ketika puting beliung melanda pada Sabtu lalu.

Sekurang-kurangnya 29 orang dimasukkan

ke hospital akibat kecederaan ringan dan parah.

Sebuah kawasan menempatkan rumah bergerak atau karavan hampir ranap sepenuhnya dan White berkata, penduduk telah dipindahkan ke pusat perlindungan sementara. - AFP

**UTUSAN MALAYSIA (LUAR NEGARA): MUKA SURAT 40
TARIKH: 28 MEI 2019 (SELASA)**

Gempa kuat landa Peru, 1 maut

LIMA 27 Mei - Sekurang-kurang seorang terbunuh manakala 26 lagi cedera dalam kejadian gempa bumi yang melanda utara Peru, awal pagi semalam.

Mangsa, Danilo Munoz, 48, meninggal dunia akibat dihempap batu besar ekoran gegaran tersebut, ketika sedang tidur di rumahnya di Cajamarca.

Gempa bumi berukuran 8.0 pada skala Richter itu yang berlaku pada pukul 2.41 pagi waktu tempatan turut memusnahkan lebih 50 buah rumah di Peru, sekolah, gereja, hospital dan klinik.

Selain itu, gempa bumi itu menyebabkan bekalan elektrik terputus dan merosakkan jalan raya.

Pusat Kajian Geologi Amerika Syarikat (USGS) dan Institut Geofizik Peru memaklumkan, pusat gegaran yang berlaku pada kedalaman 110 kilometer itu dirasai di seluruh Peru serta negara jiran, Colombia, Venezuela dan Ecuador yang terletak dalam lingkaran api Pasifik.

Gegaran selama dua minit itu dilaporkan melanda kira-kira 75 kilometer di tenggara Lagunas.

Bercakap kepada agensi berita tempatan RRP, Koordina-



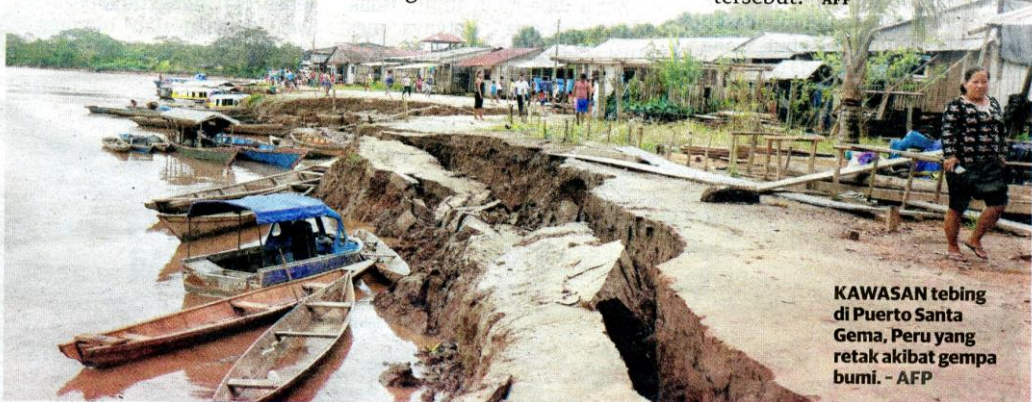
PETUGAS kesihatan mengangkat peralatan perubatan untuk dibawa ke kawasan yang terjejas teruk akibat gempa bumi di Yurimaguas, Peru. - AFP

tor Pusat Operasi Kecemasan Nasional (COEN), Ricardo Seijas berkata, berdasarkan maklumat awal, 11 mangsa dilaporkan cedera di Peru manakala selebihnya di Ecuador.

Dalam pada itu, Presiden Peru, Martin Vizcarra yang menyifatkan malapetaka itu sebagai yang terburuk dalam tempoh 12 tahun berkata, kerajaan sedang berusaha untuk memberi bantuan menggunakan laluan udara kepada mangsa.

Rakaman video ketika kejadian gempa bumi di sebuah balai polis di Yurimaguas menunjukkan seorang pegawai polis menjerit sambil memberi arahan kepada anggotanya supaya membuka sel penjara dan 'mengeluarkan' tahanan.

"Gegaran terlalu kuat, buka sel penjara, selamatkan semua tahanan, pastikan setiap anggota mengawasi seorang (tahanan)," jelas pegawai polis tersebut. - AFP



KAWASAN tebing di Puerto Santa Gema, Peru yang retak akibat gempa bumi. - AFP

THE STAR (WORLD): MUKA SURAT 25
TARIKH: 28 MEI 2019 (SELASA)

Tornadoes leave two dead

Over 20 hurt after twisters rake through two Oklahoma cities

EL RENO (Oklahoma): A tornado levelled a motel and tore through a mobile home park near Oklahoma City overnight, killing two people and injuring at least 29 others before a second twister raked a suburb of Tulsa more than 160km away, authorities said.

The first tornado touched down in El Reno, about 40km west of Oklahoma City late on Saturday night. It crossed an interstate and walloped the American Budget Value Inn before ripping through the Skyview Estates trailer park, flipping and levelling homes, Mayor Matt White said at a news conference.

"It's a tragic scene out there," White said, adding later that, "People have absolutely lost everything."

He said the city established a GoFundMe site, the City of El Reno Tornado Relief Fund, for affected families. Several other businesses were also damaged, though not to the same extent as the motel.

The two people who were killed were in the mobile home park, White said. He did not provide additional details about them.

The 29 people who were injured were taken to hospitals, where some were undergoing surgery.

Some of the injuries were deemed critical, he added.

The National Weather Service gave the tornado an EF3 rating, meaning it had wind speeds of 219kph-266kph.



Nature's fury: A path of destruction through the American Budget Value Inn and Skyview Mobile Park Estates is seen in an aerial photo after a tornado touched down overnight in El Reno, Oklahoma. — Reuters

Personnel who investigated the damage said the tornado began at 10.28pm on Saturday and lasted for four minutes.

The tornado was about 68.6m wide at its widest point and was on the ground for 3.5km.

The tornado was spawned by a powerful storm system that rolled

through the state – the latest in a week of violent storms to hit the flood-weary Plains and Midwest.

Elton Garrison, 32, said his parents were in their mobile home with his children when the tornado hit. They became trapped inside after debris blocked the exit.

He said his parents had only

recently recovered after losing their previous home to a fire a few years ago.

"Now this," he said, before expressing gratitude that everyone had emerged without serious injury.

In the next breath, he added: "Items can be replaced. Lives can't." — AP

KOSMO! (DUNIA): MUKA SURAT 40 TARIKH: 28 MEI 2019 (SELASA)

Arca ikan paus biru dibuat daripada sampah cemari lautan

SAN FRANCISCO, California
- Akuarium Teluk Monterey di sini menghasilkan arca seekor ikan paus biru menggunakan bahan kitar semula bagi mendidik orang ramai mengenai pencemaran laut, lapor Guinness World

Records baru-baru ini. Arca tersebut yang diiktiraf sebagai arca bahan kitar semula terbesar di dunia diletakkan di Padang Crissy di Kawasan Rekreasi Kebangsaan Golden Gate dan berhampiran

Jambatan Golden Gate. Ia dibina oleh artis tempatan, Joel Dean Stockdill dan Yustina Salmikova.

Arca tersebut sepanjang 25.89 meter (m), 8.07m lebar dan 4.2m tinggi. Pengiktirafan sebagai arca bahan kitar semula terbesar dunia itu diterima pada November lalu. Antara bahan kitar semula yang digunakan itu ialah botol plastik, mainan dan jag air. Kesemua bahan tersebut sinonim sebagai bahan berbahaya bagi hidupan

marin.

Semua bahan bagi pembinaan arca tersebut juga dikutip di sekitar Teluk Monterey.

"Setiap sembilan minit, 136,077 kilogram plastik yang bersamaan dengan berat seekor ikan paus biru akan mencemari laut kita.

"Untuk menarik perhatian orang ramai terhadap masalah besar ini, kami membina arca bersaiz paus sebenar bagi memastikan suara kami didengari dan pada masa sama mendidik mereka," kata jurucakap akuarium itu. - Agensi



ARCA ini dihasilkan bagi memberi kesedaran kepada orang ramai mengenai pencemaran laut.



ARCA ikan paus biru ini dibuat menggunakan bahan yang diambil daripada perairan di sekitar Teluk Monterey.



SEORANG wanita sedang melekatkan sisa plastik pada arca ikan paus biru.



BERITA HARIAN (DUNIA): MUKA SURAT 79
TARIKH: 28 MEI 2019 (SELASA)



HARIAN METRO (EKSTRA): MUKA SURAT 53
TARIKH: 28 MEI 2019 (SELASA)

PULAU GHORAMARA SEMAKIN TENGGELAM

Ribuan penduduk berpindah ke Sadar atau Kakdwip di tanah besar India

Faktor perubahan iklim menyebabkan kawasan Pulau Ghoramara, India secara perlahan semakin tenggelam dan kawasan ini kini hanya meliputi kira-kira empat kilometer persegi.

Hampir separuh daripada kawasan itu hilang dalam tempoh tiga dekad lalu berbanding saiz asalnya.

Penduduk yang bahu-berahu melalui pilihan raya baru-baru ini beranggapan ia mungkin menjadi peluang terakhir untuk mereka mengundi.

Terdapat kira-kira 4,000 orang termasuk seorang nelayan miskin, Goranga Dolui berada dalam senarai pengundi bagi pulau di muara Sunderban.

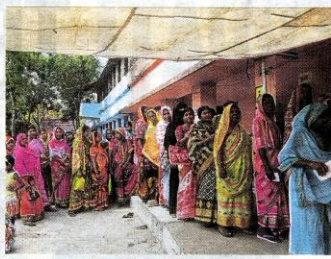
"Orang lain yang berkemampuan, mereka sudah pun meninggalkan kawasan ini. Bagaimana pula dengan orang mis-



PENGUNDI tiba dengan feri untuk membuang undi di Pulau Ghoramara kira-kira 110 kilometer di selatan Kolkata



SUASANA di tempat membuang undi sempena pilihan raya India minggu lalu.



PILIHAN raya minggu lalu mungkin peluang terakhir penduduk Ghoramara mengundi berikutan pulau itu semakin tenggelam akibat perubahan iklim.



RAMAI penduduk masih berharap kerajaan yang dipilih dapat menyelamatkan pulau itu.



DUA anggota tentera kelihatan mengawal pusat membuang undi sempena pilihan raya India.

kin seperti saya? Kami berharap kerajaan akan dapat membantu memulakan hidup baharu," katanya kepada AFP.

Goranga bersikap pesimis keputusan pilihan raya itu akan mengubah masa depan pulau yang menghubungkan tanah besar India menerusi perjalanan feri selama satu jam.

"Kami akan terus tinggal di sini sehingga ia tidak boleh didiami lagi," katanya.

Pegawai pilihan raya Ghoramara, Swati Bandopadhyay berkata, pulau itu mungkin tenggelam sepenuhnya dalam tempoh dua atau tiga tahun lagi kerana hakisan berlaku terlalu cepat setiap kali tibanya musim monsun.

Beberapa pulau yang mengelilinginya juga turut terancam dengan situasi berkenaan.

Sejak beberapa tahun kebelakangan ini, ribuan penduduk di situ berpindah ke Sadar atau Kakdwip di tanah besar.

Seorang pesara guru, Satish Chandra Jana, 75, yang menghabiskan

seluruh usia hidupnya di Ghoramara turut berputus asa.

"Kami sukar untuk tinggal di sini, malah sudah membina sebuah rumah di Kakdwip. Saya tidak rasa ingin tinggalkan tempat ini. Kehidupan dan jiwa saya berhubung dengan pulau ini," katanya.

Ghoramara tidak disambungkan dengan grid elektrik India sebaliknya bergantung terhadap tenaga solar sebagai sumber tenaga.

Sementara itu, pesara tentera, Tapas Kumar Sasmal, 50, yang pulang mengundi berkata, kini hanya terdapat kira-kira 10 peratus penduduk asal yang masih tinggal di situ.

Katanya, kebanyakan mereka yang hilang tempat tinggal bekerja sebagai buruh di tanah besar.

"Kehidupan agak susah. Beberapa pegawai kerajaan berkata, pulau ini akan hilang dalam pilihan raya berikutnya. Saya berasakan ia mungkin berlaku esok," katanya. - AFP

HARIAN METRO (EKSTRA): MUKA SURAT 56
TARIKH: 28 MEI 2019 (SELASA)

DERITA DIBADAI TAUFAN

Penduduk 3 negara di Afrika Selatan harap bantuan, suasana Ramadan suram

Kepingan perabot rosak dan buku bertumpuk umpama landskap memenuhi kebanyakan rumah di perkampungan Guludo di utara Mozambique dan Asma Mullah, 53, menghabiskan masanya menyelamatkan apa saja di dalam runtuhan.

Wilayah tengah negara itu masih lagi terasa dilanda Siklon Idoi pada Mac lalu yang membawa kehancuran ke tiga negara di Afrika Selatan selain mengorbankan lebih 1,000 orang.

Ia disusuli Taufan Kenneth pada 25 April yang mengorbankan kira-kira 45 orang dan memberi kesan kepada 375,000 orang yang masih memerlukan bantuan kecemasan, menurut Pertubuhan Bangsa-Bangsa Bersatu (PBB).

Setiap kali Ramadan, penduduk akan menyambutnya dengan meriah dengan berpuasa dari matahari terbit hingga matahari terbenam tetapi tahun ini kehidupan mereka kelihatan sukar, lapor Al Jazeera.

Ini kerana mereka cuba membina semula kehidupan selepas hampir sebulan sejak siklon Kenneth melanda pantai utara yang sebahagian besarnya didiami majoriti

Islam Mozambique. Mullah berkata, sambutan puasanya pada Ramadan tahun ini agak tidak teratur akibat ribut.

"Saya hilang segala-galanya kerana angin dan hujan terlalu kuat. Saya hanya menemui beberapa periuk tetapi saya masih tiada rumah. Anak lelaki boleh membantu membina semula tetapi kami masih memerlukan makanan."

"Saya sepatutnya berpuasa, tetapi saya tidak boleh berpuasa dengan baik. Adakalanya saya tidak berpuasa kerana saya tidak tahu bila lagi akan dapat makanan," katanya.

Sebahagian besar sambutan Ramadan orang Islam di perkampungan nelayan ini iaitu kira-kira 2,500 terganggu apabila Siklon Kenneth berkelajuan 200 kilometer sejam menghancurkan masjid tempatan menyebabkan mereka tiada tempat untuk berkumpul, bersolat dan berpuasa.

Ketua Guludo, Muzasufar Abakari, 45, bercerita kepada Al Jazeera bagaimana ditinggal masjid itu runtuh.

"Masjid itu rosak sehingga tiada tempat untuk kami bersolat, tiada panggilan

solat dan tiada tempat untuk berkumpul.

"Buat masa ini, orang ramai tinggal bertaburan di pelbagai tempat membolehkan mereka solat berasingan, tetapi kami akan atur masa mencari tempat sesuai agar dapat solat berjemaah," katanya.

Sifa Drisa, 67, juga tidak mempunyai banyak makanan di rumahnya.

Drisa berkata, dia dan cucunya berpuasa dengan sedikit nasi dan ikan, tetapi dia agak risau kerana beg beras diterimanya sebagai bantuan kecemasan tidak akan bertahan lama disebabkan perlu memberi makan tujuh orang.

Keluarga itu turut menanam ubi kayu, tetapi siklon merosakkan sebahagian besar tanamannya.

Lebih 32,000 hektar makanan di kawasan itu dimusnahkan Taufan Kenneth sebelum musim memuai menyebabkan banyak keluarga kekurangan bekalan makanan.

Ketika bantuan perlahan-lahan dihantar ke kawasan yang paling terjejas, Drisa berkata, dia masih yakin

walaupun cabaran yang dihadapinya, dia dan cucunya akan berasa senang kemudian nanti.

"Saya percaya kepada Allah, mungkin ketika ini adalah masa untuk kami bersusah-payah tetapi ia juga masa istimewa untuk berdoa. Walaupun kami tidak mempunyai apa-apa di rumah, saya perlu teguhkan iman supaya keadaan menjadi baik akhirnya," katanya kepada Al Jazeera.

Kira-kira 50 kilometer ke selatan Guludo adalah pulau Ibo yang juga pintu masuk kepada pedagang Arab menyebarkan Islam kepada penduduk asli di kepulauan Quirimbas seawal 600 AD. Bangunan masjid dan sekolahnya juga sebahagiannya musnah akibat Taufan Kenneth.

Mahando Amad, 66, imam masjid Ibo selama 15 tahun, tetapi kini dia juga tidak dapat datang ke masjid untuk solat lima waktu.

"Sekarang ini bulan Ramadan dan tanggungjawab umat Islam menunaikan solat terutama pada hari Jumat, tetapi mereka menghadapi masa sukar maka kami

faham jika ramai yang tidak datang ke masjid untuk bersolat. Mereka sibuk membina kembali kehidupan selepas kehilangan segala-galanya dalam siklon," katanya.

Disebabkan bekalan elektrik di pulau itu terputus, Ahmad menggunakan megafon untuk panggilan solat, tetapi suaranya boleh dengar beberapa blok sahaja.

Beberapa lelaki dan wanita dilihat kerap datang bersolat di masjid yang atapnya sudah lama rosak teruk.

Pada tahun sebelumnya, makanan dikongsi dengan masyarakat miskin. Ahmad berkata, makanan tidak disediakan Ramadan tahun ini sebaliknya jemaah datang solat Maghrib bersama kotak makanan kecil untuk berbuka bersama orang lain.

Di kejiranan Kumwamba, lebih 500 rumah musnah, menurut pejabat tempatan Rahba Amad dan sebahagian besar siling masjid tempatan turut rosak.

Imam Ibo mengharapkan bantuan daripada Majlis Islam Mozambique untuk membaiki tempat ibadat.

"Saya berharap kami akan mendapat bantuan

daripada Majlis Islam dan biasanya mereka menghantar makanan untuk menggalakkan orang berpuasa pada Ramadan dan saya pasti mereka akan membantu memulihkan bangunan, tetapi sekarang komunikasi adalah mustahil kerana tiada rangkaian telefon di Ibo," kata Ahmad.

Program Makanan Dunia PBB (WFP) berkata, bantuan makanan dihantar kepada lebih 100,000 orang yang terkesan di utara Mozambique.

Lisa Ratcliffe, wakil komunikasi Organisasi Pertanian dan Makanan (FAO) berkata, agensi PBB melakukan penilaian di beberapa daerah di wilayah utara Cabo Delgado dan beberapa jalan untuk memetakan jalan bagi membantu petani dan nelayan yang mengalami kerugian.

"Pasukan teknikal pakar FAO menilai keperluan, bukan hanya untuk pertanian tetapi juga terakan dan perikanan yang keduanya turut mengalami keresakan dan kerugian yang besar daripada dua siklon," katanya kepada Al Jazeera. Agensi



WILAYAH Cabo Delgado, Mozambique selepas dilanda Taufan Kenneth.



TIGA wanita menunaikan solat Zohor di Masjid Kumwamba di pulau Ibo yang tidak berbumbung.



MUZASUFAR di hadapan runtuhan akibat taufan.



DRISA kluatir bekalan makanan tidak mencukupi.