

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

Bil	Berita	Media	Capaian Berita Penuh
1.	<u>Govt shuts 30 illegal plastic recycling plants/ Govt shuts 30 illegal plastic recycling plants as Malaysia draws waste from abroad</u> Energy, Green Technology, Science, Climate Change and Environment Minister Yeo Bee Yin told Dewan Rakyat today that she was aware of the public complaints and has taken stern efforts to curb illegal plastic recycling factories.	Malay Mail	Rujuk lampiran 1 atau klik pada tajuk berita
2.	<u>'Nation not a dumping ground for plastic waste'/ Malaysia and ASEAN not dumping ground for advanced countries</u> Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin said the permits to setup plastic-recycling factories had also been suspended until a further decision is made from a special committee involving five ministries.	New Straits Times	Rujuk lampiran 2 atau klik pada tajuk berita
3.	<u>Malaysia, ASEAN bukan 'tong sampah' negara maju</u> Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin, berkata lesen untuk menubuhkan kilang kitar semula sisa plastik turut dibekukan sehingga jawatankuasa khas membabitkan lima kementerian memutuskan langkah kerajaannya seterusnya.	Berita Harian	Klik pada tajuk berita
4.	<u>'Lynas committee will choose own chairman'/ Lynas evaluation committee to select its own chairman</u> The new chairman of the Lynas Advanced Materials Plant (LAMP) Operations Evaluation Executive Committee will be revealed at its first meeting, says Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin.	New Straits Times	Rujuk lampiran 3 atau klik pada tajuk berita
5.	<u>Govt to ban imports of non-recyclable solid waste, particularly plastic</u> The government will ban imports of all non-recyclable solid waste, particularly plastic, says	The Sun Daily	Klik pada tajuk berita

	Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin (pix).		
6.	<u>Lynas accountable to employees if operations shut down – Fuziah</u> On Monday, Energy, Technology, Climate Change and Environment Minister Yeo Bee Yin announced the setting up of an executive committee to evaluate the operations of the Lynas Advance Materials Plant (LAMP) in Gebeng, Pahang to ensure that Malaysia does not become a dumping ground for hazardous waste from other countries.	New Straits Times	Klik pada tajuk berita
7.	<u>Joint ministerial committee to be set up: M'sia won't be plastic dumping ground</u> Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin said the committee comprises her ministry, the Housing and Local Government Ministry, International Trade and Industry Ministry, as well as the Water, Land and Natural Resources Ministry.	The Star	Klik pada tajuk berita
8.	<u>Haram plastik sukar kitar semula, pinda akta – MESTECC</u> Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim (MESTECC), Yeo Bee Yin berkata pihaknya juga bercadang untuk meminda Akta Alam Sekeliling 1974.	Astro Awani	Klik pada tajuk berita
9.	<u>Lynas perlu bertanggungjawab ke atas pekerja sekiranya operasi ditutup</u> Kelmarin, Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim Yeo Bee Yin mengumumkan penubuhan Jawatankuasa Eksekutif Penilaian Operasi Lynas Advance Materials Plant (LAMP) di Gebeng, Pahang bagi memastikan Malaysia tidak menjadi tempat pembuangan bahan tercemar oleh syarikat dari negara lain.	Kosmo	Klik pada tajuk berita
10.	<u>ABB: Global energy industry moving towards</u> Minister of Energy, Science, Technology, Environment and Climate Change Yeo Bee Yin (third right) visits ABB's booth accompanied by Venu (fourth right) and other directors during the	The Borneo Post	Klik pada tajuk berita

	Conference of the Electric Power Supply Industry 2018 (CEPSI 2018) last month.		
11.	<u>Lynas responsible for workers if plant shuts down, says Fuziah</u> Earlier this week, Energy, Technology, Climate Change and Environment Minister Yeo Bee Yin announced the setting up of an executive committee to evaluate the operations of the Lynas advance materials plant in Gebeng, Pahang, to ensure that Malaysia does not become a dumping ground for hazardous waste from other countries.	Free Malaysia Today	Klik pada tajuk berita
12.	<u>Lynas perlu bertanggungjawab pada pekerja jika operasi tutup – Fuziah</u> Semalam, Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim Yeo Bee Yin mengumumkan penubuhan Jawatankuasa Eksekutif Penilaian Operasi Lynas Advance Materials Plant (LAMP) di Gebeng, Pahang bagi memastikan Malaysia tidak menjadi tempat pembuangan bahan tercemar oleh syarikat dari negara lain.	Malaysia Kini	Klik pada tajuk berita
13.	<u>Panel must review Lynas waste management, says Fuziah</u> Energy, Science, Technology, Envi--ronment and Climate Change Minister Yeo Bee Yin said on Monday that the LAMP executive review committee would only be looking into the safety, health and environment aspects as well as the scheduled waste storage of Lynas' operations.	The Star	Rujuk lampiran 4 atau klik pada tajuk berita
14.	<u>Govt to ban imports of non-recyclable solid waste, particularly plastic</u> The government will ban imports of all non-recyclable solid waste, particularly plastic, says Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin.	BERNAMA	Klik pada tajuk berita
15.	<u>Yeo Bee Yin: Government freezes licence issuance for plastic waste recycling factories</u> Energy, Technology, Science, Climate Change and Environment Minister, Yeo Bee Yin, told Parliament today that the government has established a joint	The Edge Market	Klik pada tajuk berita

	ministerial committee to tackle the presence of plastic waste in the country.		
16.	<u>Govt freezes licence issuance for plastic waste recycling factories</u> Energy, Technology, Science, Climate Change and Environment Minister Yeo Bee Yin told Parliament yesterday that the government had established a joint ministerial committee to tackle plastic waste in the country.	The Edge Market	Klik pada tajuk berita
17.	<u>Govt to ban import of all non-recyclable waste</u> The Energy, Science, Technology, Environment and Climate Change Minister said the measures were taken to ensure the country's solid waste was well managed and to reduce plastic pollution, as well as ensuring Malaysia was not a dumping ground for waste from developed countries.	The Star	Rujuk lampiran 5 atau klik pada tajuk berita
18.	<u>Govt to ban non-recyclable solid waste imports</u> THE government will ban imports of all non-recyclable solid waste, particularly plastic, says Energy, Technology, Science, Climate Change and Environment Minister Yeo Bee Yin.	The Malaysian Insight	Klik pada tajuk berita
19.	<u>Illegal recycling operation near Prai River shut down</u> "The Department of Environment will not tolerate such commercial burning. We also have reasons to believe that the burning involves imported plastic waste," he said.	The Star	Rujuk lampiran 6 atau klik pada tajuk berita
20.	<u>Plastik tidak boleh dikitar semula diharamkan</u> Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata, usaha itu merupakan antara komitmen bagi memastikan Malaysia tidak menjadi tong sampah sisa plastik yang diimport.	Utusan Malaysia	Rujuk lampiran 7
21.	<u>Sisa pepejal tidak boleh dikitar semula diharamkan</u> Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata langkah tersebut diambil bagi memastikan sisa pepejal	Sinar Harian	Rujuk lampiran 8

	negara diuruskan dengan baik dan mengurangkan pencemaran plastik selain memastikan Malaysia tidak menjadi 'tong sampah' sisa plastik negara maju.		
22.	<u>Haramkan sisa plastik tak boleh dikitar semula</u> Menteri Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar, Yeo Bee Yin berkata, ini termasuklah sisa bercampur dengan barangan lain yang tidak diasingkan terlebih dahulu.	Sinar Harian	Klik pada tajuk berita
23.	<u>Sisa pepejal tidak boleh dikitar semula akan diharamkan</u> Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata, langkah tersebut diambil bagi memastikan sisa pepejal negara diuruskan dengan baik dan mengurangkan pencemaran plastik selain memastikan Malaysia tidak menjadi 'tong sampah' sisa plastik negara maju.	Kosmo	Klik pada tajuk berita
24.	<u>Sisa plastik tidak boleh kitar semula diharamkan</u> Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata, usaha itu merupakan antara komitmen bagi memastikan Malaysia tidak menjadi tong sampah sisa plastik yang diimport.	Utusan Malaysia	Klik pada tajuk berita
25.	<u>Malaysia bukan 'tong sampah' negara maju</u> Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata, lesen untuk menubuhkan kilang kitar semula sisa plastik turut dibekukan sehingga jawatankuasa khas membabitkan lima kementerian memutuskan langkah kerajaannya seterusnya.	Harian Metro	Klik pada tajuk berita
26.	<u>Permit import sisa plastik dibeku/ Malaysia bukan 'tong sampah' negara maju</u> Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata, lesen untuk menubuhkan kilang kitar semula sisa plastik turut dibekukan sehingga jawatankuasa khas membabitkan lima kementerian memutuskan langkah kerajaannya seterusnya.	Berita Harian	Rujuk lampiran 9 atau klik pada tajuk berita

27.	<u>BUSINESS NEWS</u>	Nanyang Siang Pau	Rujuk lampiran 10
28.	<u>IGEM 2018</u>	New Straits Times	Rujuk lampiran 11
29.	<u>IGEM 2018</u>	The Sun	Rujuk lampiran 12
30.	<u>IGEM 2018</u>	The Star	Rujuk lampiran 13

TEMPATAN

Bil	Berita	Media	Capaian Berita Penuh
31.	<u>Why wasn't Australia first choice for plant, MP asks Lynas</u> “Lynas could have easily built their plant in Australia, but they chose a country with lax environmental laws”.	Malay Mail	Rujuk lampiran 14
32.	<u>Managing technology transfer</u> “Over the years we have tried and tested so many ways of transferring our technology and knowledge to the industry, and one of the most effective ways is for the researcher to venture out as entrepreneurs.	New Straits Times	Rujuk lampiran 15
33.	<u>Nextgreen gets RM400m funding for green projects</u> Nextgreen’s share price gained 8 sen or 19.3% to close at 49.5 sen yesterday on 34.02 million shares done.	The Sun	Rujuk lampiran 16
34.	<u>Sia-siakah pengharaman straw?</u> PENYEDUT minuman plastik (straw) mendapat perhatian mutakhir ini. Kemuncaknya ialah apabila terdapat berita yang melaporkan bahawa straw akan diharamkan di semua premis perniagaan menjual makanan dan minuman bagi mengurangkan pencemaran berasaskan plastik dan memulihara alam sekitar di negara ini.	Sinar Harian	Rujuk lampiran 17 atau klik pada tajuk berita

ANTARABANGSA

Bil	Berita	Media	Capaian Berita Penuh
35.	<u>HSBC pledges US\$329mil investment in British green energy</u> HSBC Holdings Plc plans to invest £250mil of its pension scheme into renewable energy infrastructure for wind and solar in the UK, joining around 30 others firms making similar climate change pledges.	The Star	Rujuk lampiran pada 18
36.	<u>Scottish Power becomes first major UK energy company to generate all electricity from wind</u> Scottish Power has become the first major UK energy firm to completely drop fossil fuels in favour of wind power, after selling off its remaining gas and hydro stations to Drax for £702m.	The Independent	Klik pada tajuk berita
37.	<u>MIT Knows That AI Is The Future</u> Creating an independent multidisciplinary center recognizes that AI will affect professionals in just about every field will be replaced by those who know how to use tools such as AI, machine learning or data science.	Forbes	Klik pada tajuk berita

LAMPIRAN 1
MALAY MAIL (TOP NEWS): MUKA SURAT 10
TARIKH: 17 OKTOBER 2018 (RABU)

Govt shutter 30 illegal plastic recycling plants

By Azril Annuar
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KUALA LUMPUR — To ensure Malaysia does not end up as the “developed nations’ plastic trash bin”, the government has shut down more than 30 illegal plastic recycling factories.

Energy, Green Technology, Science, Climate Change and Environment Minister Yeo Bee Yin told the Dewan Rakyat she was aware of public complaints and had taken stern action to curb illegal plastic recycling factories.

“More than 30 illegal plastic recycling factories processing imported plastic waste

have been shut down. I was on the ground together with government agencies and we did not just shut them down, we also cut their electricity, water supply and arrested the factory owners,” she said during Question Time yesterday.

“I’ve instructed the Environmental Department to haul as many of these illegal (plastic factory) owners to court. We have seen the impact of uncontrolled plastic imports from January to June but since then, we have frozen all plastic waste imports.

“We are also monitoring the situation to ensure no more illegal factories will open up.”

Yeo said a joint ministry committee headed by the Housing and Local Government Ministry and involving the Land and Natural Resources Department, International Trade

and Industries Ministry and her ministry has been formed to study the next steps regarding plastic waste.

In Sabah, she said, the ministry has also frozen all recycling centre licences until the newly formed committee has made a decision regarding plastic waste.

Yeo said there were various grades of plastic waste — from clean, biodegradable plastic which are recycle-friendly to the contaminated mixed waste type which is non-biodegradable.

“My ministry is committed to ensure that non-recycled plastic waste will be illegal in Malaysia. We are also reviewing the (Environment) Act to improve our enforcement. The draft will be tabled next year in Parliament,” she said.

LAMPIRAN 2
NEW STRAITS TIMES (NATION/ NEWS): MUKA SURAT 11
TARIKH: 17 OKTOBER 2018 (RABU)

'Nation not a dumping ground for plastic waste'

THE government has frozen permits for factory operators to import plastic waste for recycling.

Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin said permits to set up plastic-recycling factories had also been suspended until a decision was made by a committee that involved five ministries.

"The committee will resolve the issue of plastic waste," she said to a supplementary question by Ma'mun Sulaiman (Warisan-Kalabakan) at the Dewan Rakyat yesterday.

Ma'mun had sought clarification on the steps taken by the government to tackle plastic waste imported by illegal recycling factories.

In reply to Ma'mun's original question, Yeo said the ministry viewed the matter seriously. Thirty illegal factories had been shut down, she added.

"We carried out raids and disconnected their water and electricity supply. The factory operators were detained under Section 37C of the Environmental Quality Act 1974."

In reply to a supplementary question from Lim Kit Siang (DAP-Iskandar Puteri), Yeo said the government needed to come up with a solution because the plastic industry contributed RM30 billion to the country.

She said a balanced approach was needed in the interest of the public, environment and industry players, while preventing Malaysia, as well as Asean countries, from being turned into a dumping ground for plastic waste.

"The problem of plastic (waste) is expected to increase with the rise of the global population to 10 billion by 2020. We cannot wait for the matter to become a major issue."

To Datuk Seri Ismail Mohamed Said's (BN-Kuala Krau) supplementary question on the need for incentives to be given to non-governmental organisations for their plastic waste clean-up activities, Yeo said the ministry was more focused on public-awareness campaigns.

LAMPIRAN 3
NEW STRAITS TIMES (NEWS/ NATION): MUKA SURAT 6
TARIKH: 17 OKTOBER 2018 (RABU)

'Lynas committee will choose own chairman'

KUALA LUMPUR: The new Lynas Advanced Materials Plant Operations Evaluation Executive Committee chairman will be revealed at its first meeting, said Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin.

She said the committee would be given the authority to choose its chairman.

Kuantan member of parliament Fuziah Salleh, who was earlier slated to be the chairman, is no longer part of the committee.

Fuziah had said she was prepared to step down from the committee to prevent any aspersion from being cast on the committee's future findings.

Yeo said the setting up of the committee was in line with the new government's aim of not turning Malaysia into a dumping ground for tainted materials by foreign companies.

"Following a cabinet meeting last Wednesday (Oct 10), it was decided that we would appoint

committee members who have not openly stated whether they were for or against Lynas' operation.

"This is to prevent any quarters from questioning the credibility of the executive committee based on its members' personal opinions.

"The committee is tasked with assessing the matter objectively, transparently and openly. Its proceedings will be open to the public, who can attend as observers," she said at the Parliament lobby.

She said the assessment would involve an extension period for storing scheduled

waste in line with Regulation 9 of the Environmental Quality (Scheduled Wastes) Regulations 2005.

She said the committee had been given six weeks to conduct its assessment and submit a report, coupled with recommendations to the government, which would be open to the media and investors.



Yeo Bee Yin

LAMPIRAN 4
THE STAR (NATION): MUKA SURAT 16
TARIKH: 17 OKTOBER 2018 (RABU)

Panel must review Lynas waste management, says Fuziah

By ONG HAN SEAN
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KUANTAN: Kuantan MP Fuziah Salleh says it is important to review the waste management and impact of policies by the previous government on the Lynas Advanced Materials Plant (LAMP) project.

"The experts in the revamped committee must advise the government on the impact of the policies adopted by the previous government, for example, CondiSoil," she said.

CondiSoil is a residue-derived soil conditioner product announced by Lynas last year as an effort to manage its rare earth processing by-products.

"Looking into the previous agreement is not within the scope of the committee. As I understand, it is under the purview of the ministry directly," she said yesterday.

Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin said on Monday that the LAMP executive review committee would only be looking into the safety, health and environment aspects as well as the scheduled waste storage of Lynas' operations.

Fuziah, who is not in the new committee after previously being named as its chairman, was giving her response after it was pointed out that the scope of the revamped committee did not include an inquiry into the licensing conditions as she had proposed.

She had offered to step down as chairman last week "to avoid being used as ammunition to criticise the committee's findings".

The committee members include Institute for Environment and Development research fellow Prof Datuk Dr Mazlin Mokhtar, UN University-International Institute for Global Health visiting professor Prof Dr Jamal Hisham Hashim and Universiti Teknologi Malaysia Occupational Safety, Health and Environment unit director Prof Dr Maketab Mohamed.

The others are Universiti Putra Malaysia Faculty of Medicine and Health Sciences Community Health Department Assoc Prof Dr Anita Abdul Rahman, Universiti Malaysia Pahang's Earth Resources and Sustainability Centre director Assoc Prof Dr Muzamir Hasan and former director of the Department of Environment's Air and Hazardous Substances division Datin Paduka Che Asmah Ibrahim.

Yeo had said that the Cabinet decided that the committee should be made up of individuals who had not previously voiced their stance openly – be it supporting or opposing Lynas' operations.

"This is to avoid any party from questioning the credibility of the committee," she said.

Asked whether she would present her views to the committee as Kuantan MP, Fuziah, who is a Deputy Minister in the Prime Minister's Department, said she would attend hearings if the committee felt it necessary to invite her.

"Most important are the views of the other stakeholders," said Fuziah.

The committee has been given six weeks to perform the review and submit a report and recommendations to the government.

LAMPIRAN 5
THE STAR (NATION): MUKA SURAT 12
TARIKH: 17 OKTOBER 2018 (RABU)

Govt to ban import of all non-recyclable waste

THE government will ban import of all non-recyclable solid waste, particularly plastic, says Yeo Bee Yin.

The Energy, Science, Technology, Environment and Climate Change Minister said the measures were taken to ensure the country's solid waste was well managed and to reduce plastic pollution, as well as ensuring Malaysia was not a dumping ground for waste from developed countries.

"Plastic waste are varied, some can be recycled, but there is mixed plastic waste that cannot and is usually used by illegal factories.

"So any solid waste that cannot be properly recycled and does not follow the Environmental Quality Act will be banned," she said during the ministers' question time session.

She was replying to Siti Zailah Mohd Yusoff (PAS-Rantau Panjang)

who wanted to know if the government intended to impose a total ban on imports of solid waste into the country.

To another question, Yeo said her ministry was looking into reviewing acts related to the environment.

Met at the Parliament lobby, Yeo said although the government could ban the import of plastic waste, it would not solve the issue as countries such as Thailand, Indonesia and Vietnam were still importing it.

"We need to know that the oceans are connected and although one country doesn't take the waste, it will still end up in other places.

"The most effective way is for developed countries to stop exporting their non-recyclable plastic material," she said.

Recently, *The Star* highlighted the issue that Malaysia has become a

dumping ground for plastic waste by other countries after China banned plastic imports, leading to a huge impact on the global recycling system.

Countries such as Britain have begun to look to other places to offload such wastes.

Kuala Langat has emerged as a hotbed of plastic waste with about 40 unlicensed factories processing imported plastic.

Earlier, Yeo said the Cabinet has decided to set up a joint ministerial committee to look into ways of dealing with the import of plastic waste into the country.

She said the committee comprises her ministry, Housing and Local Government, International Trade and Industry, as well as Water, Land and Natural Resources.

"The Housing and Local Government Ministry will be the

main coordinator.

"We will do our best and are committed to ensure that Malaysia will not be a dumping ground of plastic waste for advanced nations," she said, adding that the committee would meet on Oct 26 to discuss the issue.

Yeo said the issue of imported plastic waste has become more serious due to China's ban on such material.

She said her ministry, through joint enforcement operations with other agencies, have conducted raids on illegal factories processing plastic waste.

"Some 30 illegal factories have been closed.

"I have also told the agencies to nab the operators of these factories, investigate and bring them to court to ensure they are punished in accordance to the law," she said.

LAMPIRAN 6
THE STAR (NATION): MUKA SURAT 16
TARIKH: 17 OKTOBER 2018 (RABU)

Illegal recycling operation near Prai River shut down

By LO TERN CHERN

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BUTTERWORTH: Located far from the prying eyes of the public, an operator has been carrying out recycling activities illegally for over a year near the Prai River.

Items such as canopies, steel frames, plastic chairs, tables and furniture were found in the 800sq m compound which was once a mangrove swamp with nipah trees.

Construction and household wastes were also discarded near the river bank.

The dumping ground, which is accessible via Jalan Jelawat, has become a "hunting ground" for scavengers and drunkards in the wee hours.

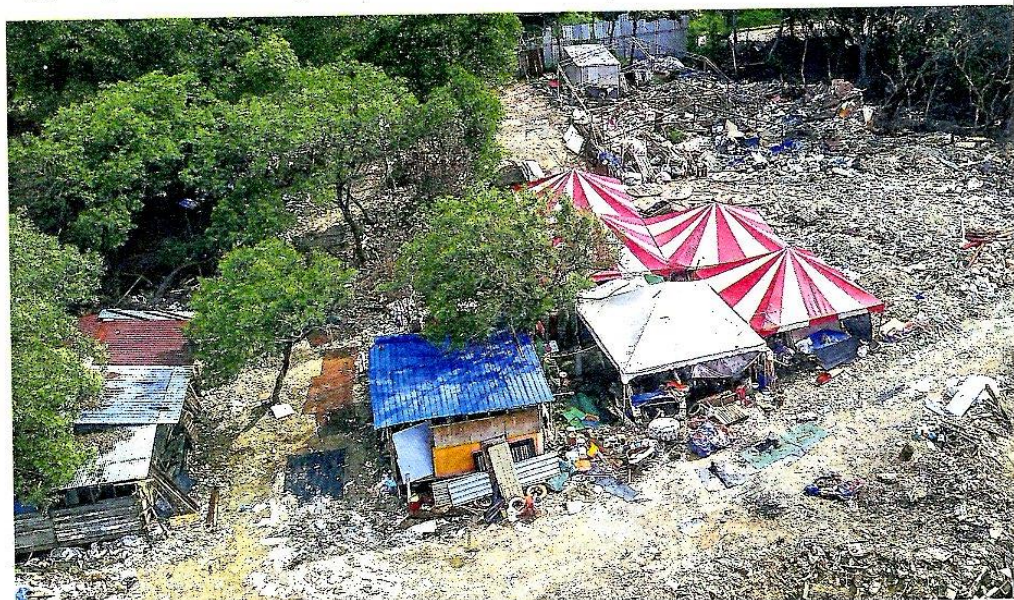
The illegal operation came to light recently when a Chinese association committee, which got the land from the state government to carry out its activities, alerted the authorities.

State Environment Committee chairman Phee Boon Poh, who led a site inspection yesterday, found charred remains of waste and sawdust which was still burning in the area.

He said the illegal operation has been going on without permit from the local authorities.

"We have identified the operator, who has been told to cease operation and remove all the structures in the area.

"Follow-up action will be taken. The operator has neither submitted any building plans nor obtained approval from the local authorities to operate. The illegal dumpsite takes in all kinds of thrash and burns it inside.



No more in operation: An aerial view of an illegal dumpsite beside the Prai River in Seberang Jaya.

"The Department of Environment will not tolerate such commercial burning. We also have reasons to believe that the burning involves imported plastic waste," he said.

It is learnt that the authorities would follow up with more action.

Phee said while the state has been promoting recycling, the operator had used the wrong methods of open burning in this case.

"It harms the environment, and the poisonous gas emission is also hazardous to nearby residents.

"Motorists and motorcyclists plying the Butterworth-Kulim Express-

way nearby have been hit by poor visibility as a result of the smoke emission," he said.

Bulldozers and trucks from the Seberang Prai Municipal Council were seen clearing the waste at the site, with officers from the Land Office and the council's auxiliary policemen in tow.

Since China banned the import of plastic waste for recycling from Dec 31 last year, the waste is beginning to pile up in other parts of the world and Malaysia is getting a share.

Penang and Klang are hotspots and plastic recyclers in Ipoh are

increasing too.

It was reported that there were up to 200 enterprises recycling plastic waste in Penang but only 27 of them are licensed.

The licensed operators import about 109,655 tonnes of plastic waste a month. The local authorities in Penang are now zooming in on unlicensed plastic recyclers after the deadline to legalise their business was over on Sept 30.

They would also visit the legal ones to check on their production capacity and the amount of plastic waste imported.

LAMPIRAN 7
UTUSAN MALAYSIA (DALAM NEGERI): MUKA SURAT 6
TARIKH: 17 OKTOBER 2018 (RABU)

**Plastik tidak
boleh kitar
semula
diharamkan**

KUALA LUMPUR 16

Okt. - Sisa-sisa plastik yang didapati tidak boleh dikitar semula dan mencemarkan akan diharamkan di negara ini.

Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata, usaha itu merupakan antara komitmen untuk memastikan Malaysia tidak menjadi tong sampah sisa plastik yang diimport.

Kata beliau, berdasarkan laporan media, sisa plastik yang diimport dirujuk sebagai kod 3915, bagaimanapun terdapat sisa plastik yang berbeza-beza.

"Misalnya ada sisa plastik yang homogenius, sebatih dan bersih, ia sesuai untuk dikitar semula, namun ada juga yang tidak boleh dikitar semula seperti sisa plastik campuran yang biasanya digunakan oleh kilang haram," katanya ketika sesi waktu pertanyaan menteri (MQT) dalam sidang Dewan Rakyat di sini, hari ini.

Beliau menjawab soalan tambahan **Siti Zailah Mohd Yusoff** (Pas-Rantau Panjang) yang meminta kerajaan menyatakan sama ada mahu mengharamkan sepenuhnya semua pengimportan sisa pepejal.

Sebelum ini, *Utusan Malaysia* melaporkan pelbagai pertubuhan bukan kerajaan (NGO) alam sekitar menggesa kerajaan mengharamkan sepenuhnya import sisa plastik dari negara-negara maju seperti Amerika Syarikat (AS) dan Britain untuk dikitar semula di negara ini yang pada tahun lalu sahaja mencatat jumlah 550,000 tan bagi mengelak kesan buruk kepada kesihatan awam dan alam sekitar.

Selain itu, kata Bee Yin, kerajaan juga dalam proses mengambil tindakan tegas terhadap kilang-kilang pemprosesan sisa pepejal secara haram termasuk menyita premis terlibat.

LAMPIRAN 8

SINAR HARIAN (PERSIDANGAN DEWAN RAKYAT): MUKA SURAT 4
TARIKH: 17 OKTOBER 2018 (RABU)

Sisa pepejal tidak boleh dikitar semula diharamkan

KUALA LUMPUR – Semua sisa pepejal terutamanya plastik yang tidak boleh dikitar semula akan diharamkan.

Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata langkah tersebut diambil bagi memastikan sisa pepejal negara diuruskan dengan baik dan mengurangkan pencemaran plastik selain memastikan Malaysia tidak menjadi 'tong sampah' sisa plastik negara maju.

"Sisa plastik adalah berbeza-beza, ada yang homogenius, yang mana ia boleh dikitar semula. Tetapi, ada sisa plastik tidak boleh dikitar dan bercampur dan kilang haram menggunakan sisa plastik bercampur ini untuk kitar semula.

"Kementerian ini akan



YEO BEE YIN

pastikan setiap sisa yang tidak boleh dikitar dengan baik dan tidak mengikut Akta Kualiti Alam Sekeliling akan diharamkan di negara ini," katanya ketika sesi Pertanyaan-Pertanyaan Menteri di Dewan Rakyat, semalam.

Beliau menjawab soalan tambahan Siti Zailah Mohd



Isu penggunaan plastik menjadi perhatian seluruh dunia.

Yusoff (Pas-Rantau Panjang) yang ingin tahu sama ada kerajaan bercadang mengharamkan sepenuhnya semua pengimportan sisa pepejal di negara ini.

Bee Yin berkata sebuah Jawatankuasa Menteri Bersama yang diketuai Kementerian Perumahan dan Kera-

jaan Tempatan ditubuhkan bagi menentukan langkah mengelak pengimportan sisa plastik dari negara luar.

"Buat masa ini semua aktiviti pengimportan sisa plastik dibekukan sehingga jawatankuasa membuat keputusan mengenai pengurusan sisa plastik," katanya.

LAMPIRAN 9
HARIAN METRO (SETEMPAT): MUKA SURAT 17
TARIKH: 17 OKTOBER 2018 (RABU)

Permit import sisa plastik dibeku

Kuala Lumpur: Permit mengimport sisa plastik bagi menampung bekalan operasi kilang penghasilan semula bahan itu di Malaysia ketika ini dibekukan.

Menteri Tenaga, Sains, Teknologi, Alam Sekitar dan Perubahan Iklim, Yeo Bee Yin berkata, lesen untuk menubuhkan kilang kitar semula sisa plastik turut dibekukan sehingga jawatankuasa khas membabitkan

lima kementerian memutuskan langkah kerajaan seterusnya.

“Kita nak beri laluan kepada jawatankuasa bersepadu ini meneliti langkah penyelesaian berhubung isu penghasilan menggunakan sisa plastik,” katanya menjawab soalan tambahan Ma'mun Sulaiman (WARI-SAN-Kalabakan) pada waktu pertanyaan menteri (MQT) di Dewan Rakyat, semalam.

Ma'mun meminta perincian mengenai langkah segera kerajaan dalam mena-

ngani isu import sisa plastik dan operasi kilang haram yang semakin berleluasa di negara ini.

Menjawab soalan asal Ma'mun mengenai pandangan kementerian berhubung isu terbabit, Bee Yin berkata, pihaknya memandang serius perkara berkenaan, justeru, penutupan lebih 30 kilang haram khususnya di Kuala Langat dilaksanakan.

“Kita bukan saja sita, tetapi potong bekalan air, elektrik dan tangkap mereka (operator) mengikut Seksyen 37C Akta Kualiti Alam Sekeliling (AKAS) 1974 supaya diberikan hukuman setimpal,” katanya.

Mengulas soalan Lim Kit Siang (PH DAP-Iskandar Puteri) pada sesi jawab lisan berhubung isu sama, Bee Yin berkata, kerajaan perlu merangka penyelesaian menyeluruh kerana industri plastik menyumbang RM30 bilion kepada pendapatan negara.



Kita nak beri laluan kepada jawatankuasa bersepadu ini meneliti langkah penyelesaian berhubung isu penghasilan menggunakan sisa plastik”

Yeo Bee Yin

LAMPIRAN 10
NANYANG SIANG PAU (BUSINESS NEWS): MUKA SURAT A3
TARIKH: 17 OKTOBER 2018 (RABU)

杨美盈：不当先进国垃圾场

禁入口无法循环废料

(吉隆坡 16 日讯) 我国将全面禁止无法再循环的固体废物进口到我国，特别是塑废料。

能源、工艺、科学、气候变化及环境部长杨美盈指出，这项措施是确保国家固体废物能妥善管理及减少塑料污染，同时确保我国不会成为先进国的塑废料垃圾场。

“**塑**废料有很多种，有的同性质、有的混合及干净，可以再循环。不过，有的塑废料无法再循环及混合，通常非法工厂会使用这混合塑废料再循环。

“部门将确保无法很好循环的废料及没有遵照环境素质法令在我国全面禁止。”

她今日在下议院回答伊斯兰党兰斗班让区国会议员茜蒂再拉提问政府是否全面禁止固体废物进口时，这么说。

较后，杨美盈在国会召开记者会时指出，以房屋及地方政府部为首的跨部门合作委员会将拟定策略，避免国外塑废料进口我国。

将冻结再循环厂执照

她说，该委员会分别由该部、房屋和地方政府部、水务、土地和天然资源部和国际贸易与工业部组成。

“目前所有进口塑废料活动已被冻结，我们将冻结再循环厂执照，直到委员会对塑废

料管理有所决定。”

“由于中国禁止进口塑胶废料，发达国家已将其废物出口目的地转移到东南亚，包括马来西亚，情况越来越糟，特别是越来越多的非法塑料回收工厂。

“这个委员会将会在本月 26 日召开首次会议，重新了解塑胶废料（HS Code 3915）事项，然后预计在今年尾做出相关决定。”

已关闭逾 30 非法回收厂

杨美盈较早前在国会问答环节上透露，政府已关闭超过 30 家非法塑料回收工厂。

杨美盈说，她了解公众投诉，因而采取严厉措施遏制非法塑料回收工厂。

“超过 30 家加工进口废塑料的非法塑料回收工厂已被关闭。我和官员们亲自去巡视，我们不只是关闭那些工厂，我们还切断他们的电源、水供和扣留工厂拥有者。”



杨美盈：目前所有进口塑废料活动已被冻结。

证，并冻结进口这些材料的准令，以确保现有的非法工厂不再继续经营。

她指出，政府已冻结在设立塑料废物回收工厂的许可

年底推出生物可分解塑料标准

杨美盈在附加提问时指出，生物可分解塑料标准将在今年底推出。

“部门在与大马标准局合作，开发一个‘生物可分解塑料食物可堆肥包装’标准，这在今年底可推行。之后将有环保标签，让消费者

知道有关塑料是否环保。”

较后，杨美盈指出，根据部门所提供的资料，截至今年首 6 个月，美国、日本、英国和澳洲为 4 个最大出口废料至大马的国家，有关废料的重量重达约 4 亿 3000 万公吨。

LAMPIRAN 11
NEW STRAITS TIMES: MUKA SURAT 5
TARIKH: 17 OKTOBER 2018 (RABU)

GREEN ECONOMY & INDUSTRY 4.0 :

Achieving Sustainable Development Goals

GOAL

DEVELOP

ACHIEVE

SUSTAIN



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LAMPIRAN 12
THE SUN: MUKA SURAT 5
TARIKH: 17 OKTOBER 2018 (RABU)

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LAMPIRAN 13
THE STAR: MUKA SURAT 5
TARIKH: 17 OKTOBER 2018 (RABU)



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30
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5
INTERNATIONAL PAVILIONS



10
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“ With the global green economy gaining momentum, Malaysia has an opportunity to not just participate but actually lead the green agenda in the region.

To step up to the green game, we see IGEM playing a pivotal role in bringing together sustainability solutions that are practical, proven and cost-effective.

I urge all Malaysians to support this international event, explore business opportunities, new markets and be part of growing the green economy.

”

YB PUAN YEO BEE YIN
Minister of Energy, Science, Technology, Environment and Climate Change (MESTECC), Malaysia

Initiated in 2010, the International Greentech & Eco Products Exhibition & Conference Malaysia, IGEM, is one of the region's most successful green technology business and innovation platforms. IGEM 2018 is set to position Malaysia at the centre of the region's thriving green economy.

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LAMPIRAN 14
MALAY MAIL (TOP NEWS): MUKA SURAT 10
TARIKH: 17 OKTOBER 2018 (RABU)

Why wasn't Australia first choice for plant, MP asks Lynas

By Shazwan Mustafa Kamal
mmnews@mail.com.my

KUALA LUMPUR — Rare-earth miner Lynas could have built its processing plant in Australia instead of coming here, but stringent laws there would have meant it would probably not have been approved in the first place, Kuantan MP Fuziah Salleh said.

The PKR MP was responding to a report quoting Amanda Lacaze, Lynas' chief executive, as saying the company was looking for alternative locations for its processing plant in Gebeng, Pahang, as Putrajaya reviews its 10-year operations there.

With the possibility that it may have to close its Malaysian plant, the Australian company said one of its options was to move back home.

"The question is why didn't they build the plant in Australia in the first place? In Australia, they would have had to follow stringent procedures for radioactive-based management," Fuziah told *Malay Mail*.

"Lynas could have easily built their plant in Australia, but they chose a country with lax environmental laws."

Fuziah, who is also a deputy minister in the Prime Minister's Department, said that when Lynas started its operations in Gebeng in 2008, they were not subjected to produce a detailed environmental impact assessment (EIA) report.

In an interview with the *Financial Times*, Lacaze pointed out that processing operations had already undergone two reviews by the International Energy Agency and four tests in Malaysia's courts and parliamentary select committee.

But Fuziah disputed this, saying the select committee did not give the plant a blanket stamp of approval.

Fuziah also reiterated her decision to step down as chairman of the executive committee tasked with reviewing Lynas' operations in Pahang "because they will use that against me, and that this will deflect from the real issues at hand".

"Now I can continue to speak from outside as I have locus standi as the Kuantan MP," she said.

The six members of the committee are Institute for Environment and Development research fellow Prof Datuk Mazlin Mokhtar; United Nations University — International Institute for Global Health visiting lecturer Prof Jamal Hisham Hashim; Universiti Teknologi Malaysia's Occupational Safety, Health and Environment Unit director Prof Maketab Mohamed; Associate Prof Anita Abdul Rahman from the Department of Community Health, Faculty of Medicine and Medical Sciences, Universiti Putra Malaysia; Universiti Malaysia Pahang's Earth Resources and Sustainability Centre director Associate Prof Muzamir Hasan; and former director of the Hazardous Substances Division in the Department of Environment, Datin Paduka Che Asmah Ibrahim.

LAMPIRAN 15
NEW STRAITS TIMES (HIGHER ED): MUKA SURAT 34
TARIKH: 17 OKTOBER 2018 (RABU)

Managing technology transfer

ROZANA SANI
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UNIVERSITIES continuously come up with potentially impactful ideas and technologies generated through research and development initiatives to benefit businesses and communities, and they have the responsibility to transfer the knowledge to society at large.

At Universiti Putra Malaysia [UPM] the role of managing technology transfer is taken on by Putra Science Park (PSP) through activities such as intellectual property (IP) management, promotion and commercialisation of ideas and technology.

From UPM's 2,000 IPs in various fields of research, PSP has facilitated the commercialisation of 166 technologies to diverse groups of industry players, including local and international companies, with a gross sale of more than RM61 million. Due to the efficiency and effectiveness in managing IPs, the varsity has won several major prizes for the National Best Intellectual Property Management for the organisation category in years 2008, 2012, 2014, 2016, 2017 and 2018.

PSP's Innovation Promotion and Marketing Division Translational Research And Innovation Programme head, Mohamad Fakri Zaky Ja'afar, said as the centre of innovation management and technology transfer at UPM, PSP acts as the bridge to partner with business entities to commercialise the university's innovations.

"We always welcome local and international companies to collaborate with the university in commercialising innovative products that would contribute to the country and society," he said.

PSP pioneered an innovative commercialisation approach called the Innohub Programme in 2013, which has been instrumental in developing 57 start-up companies that has generated production and sales on an industrial scale, with a total capitalisation RM7.8 million. The initiative provides a supportive and fertile ecosystem for innovation to grow into commercialised products, especially within the innovative technology sector.

"Over the years we have tried and tested so many ways of transferring our technology and



We provide hands-on solutions through practical information sharing to solve research and commercialisation challenges.

SAMSILAH ROSLAN
Putra Science Park director



PSP's Innovation Promotion and Marketing Division Translational Research And Innovation Programme head, Mohamad Fakri Zaky Ja'afar, with National Best Intellectual Property Management awards won by Universiti Putra Malaysia through the years.

knowledge to the industry, and one of the most effective ways is for the researcher to venture out as entrepreneurs. This is a key feature of the Innohub programme.

"This programme is unique because our graduate students are paired up with our researchers in start-up companies to work on testing and validating which business model will work for the technology that they are developing.

"We have many new technologies entering the market because of this effort. We have vaccines, fertilisers, engineering, information and communications technology and medical products, for example. This in-house programme has secured many pre-commercialisation grants from government agencies, which aim to build and grow the respective businesses, such as through the building of pilot plants to produce products and services," Mohamad Fakri Zaky said.

Armed with this experience, through Putra Dynamics, under the Innovation Promotion and

Marketing Division, PSP has implemented a series of training and development opportunities to help other universities and research agencies with their technology transfer activities.

The training programmes are aimed to enable technology transfer officers, management personnel, IP managers, business incubation managers, start-up chief executive officers, researchers and law officers, who are directly involved in technology transfers at local universities, research institutes and agencies to continue to develop and extend their professional skills and knowledge.

"We provide hands-on solutions through practical information sharing to solve research and commercialisation challenges. We have a proven track record, delivering public and in-house courses for local universities, SME companies, and government organisations," said PSP director Professor Dr Samsilah Roslan.

PSP previously collaborated with the Higher Education Leadership Academy and Innovation and Technology Managers Association in developing curriculum for technology transfer officers and personnel for other universities and institutes of higher learning.

Among PSP's training programmes are Intellectual Property Awareness Workshop, Intellectual Property Valuation Workshop, Lean Market Validation/Start-up coaching, IP and Commercialisation Workshop, Technology Pitching Workshop, Hands-on Industrial Design, Negotiation, and other technology transfer organisation-based needs.

"Plus, with expert trainers, who are experienced practitioners in their field, our training moves beyond theory, giving valuable real-world insights using our latest module. With blended learning experiences and accelerated learning techniques, PSP is able to help the target organisation to achieve training goals either for individuals or the workforce as a whole. We also offer customised course content based on an organisation's specific training needs," Samsilah said.

Visit www.sciencepark.upm.edu.my for more information. For enquiry, contact 03-8947 1618/03-8947 1254 or email putradynamics@upm.edu.my/ promosi@upm.edu.my



PSP offers training packages to private and public universities, research institutes and agencies to develop expertise in technology transfer.

LAMPIRAN 16

THE SUN (SUNBIZ): MUKA SURAT 13
TARIKH: 17 OKTOBER 2018 (RABU)

Nextgreen gets RM400m funding for green projects

PETALING JAYA: Nextgreen Global Bhd has secured RM400 million funding from Asia Capital Investment Fund (ACIF) for investment in the second phase of the Green Technology Park (GTP) Pekan project and two other parks in Sarawak and Johor.

This comes after the group terminated its memorandum of understanding with China Nuclear Industry Huaxing Construction Co Ltd to jointly develop and manage Phase 2 and 3 of the GTP Pekan Project after more than one-and-a-half years of talks.

Nextgreen told Bursa Malaysia that it had on Oct 16 entered into an investment agreement with ACIF, for the fund to inject RM280 million of capital into several special purpose vehicles for its projects and a RM120 million loan.

The SPV companies are assigned to manage the GTP Pekan project and two other green technology projects in Johor and Sarawak which are currently in the pipeline.

GTP Pekan which is to be developed in five phases is currently entering into Phase 2 which entails the construction and development of pulp and paper mill with a production capacity of 100,000 metric tonnes of box liner paper and 120,000 metric tonnes of corrugated paper.

The fund from the investment will mainly be utilised for working capital requirements of the projects and to cover other operational costs.

The principles activities of ACIF is to raise funds for investment and the management and investment of funds particularly in listed securities of companies producing green (eco-friendly) products.

Nextgreen's share price gained 8 sen or 19.3% to close at 49.5 sen yesterday on 34.02 million shares done.

LAMPIRAN 17

SINAR HARIAN (CETUSAN): MUKA SURAT 49

TARIKH: 17 OKTOBER 2018 (RABU)

Sia-siakah pengharaman straw?



Ta'dib

AZRINA SOBIAN



Penyedut minuman plastik (straw) mendapat perhatian mutakhir ini. Kemuncaknya ialah apabila terdapat berita yang melaporkan bahawa straw akan diharamkan di semua premis perniagaan menjual makanan dan minuman bagi mengurangkan pencemaran berasaskan plastik dan memulihara alam sekitar di negara ini.

Kuala Lumpur, Putrajaya dan Labuan dijangka memulakan langkah ini pada 1 Januari 2019 manakala pengharaman sepenuhnya di Malaysia akan bermula pada 2020. Ini bermakna, straw hanya akan diberikan apabila diminta pelanggan.

Usaha pengharaman ini mendapat pelbagai reaksi daripada masyarakat Malaysia. Ada yang menyokong dan tidak kurang juga membantah. Ada juga menganggap usaha ini sia-sia. Malah, ramai juga mempersendakan dan menjadikannya sebagai bahan lelucon.

Straw ia kecil, berwarna-warni

dan dilihat sebagai tidak memudaratkan, malah membantu individu menikmati minuman dengan selesa. Oleh itu, bagaimana mungkin ia boleh menjadi bahaya?

Kata orang, kecil-kecil cili padi. Walau pun ia kecil dan membantu manusia, namun kesan straw kepada persekitaran adalah besar.

Pernahkah anda melihat sebuah video cubaan mengeluarkan straw yang tersekat di dalam rongga hidung seekor penyu? Dapatkah anda melihat kesakitan yang ditanggung penyu tersebut? Cuba bayangkan betapa seksanya hidup sang penyu sebelum straw tersebut dikeluarkan.

Kehidupan laut merupakan makhluk yang paling terkesan dengan pencemaran plastik seperti straw. Kebanyakan plastik yang dibuang merata-rata atau tidak diuruskan dengan baik, akan berakhir di lautan. Plastik itu akan disalah anggap sebagai makanan oleh hidupan lautan.

Bayangkan kesan pencemaran plastik ini kepada hidupan tersebut. Apatah lagi ada dalam keadaan jumlah plastik dijangka mengatasi jumlah ikan di lautan pada 2050. Malah plastik juga akan kekal lama dalam alam ini kerana ia mengambil masa 200 tahun untuk terurai.

Walaupun hidupan laut menerima kesan paling besar daripada pencemaran plastik, namun ini tidak bermakna hidupan lain tidak akan berasa impaknya. Plastik juga berbahaya kepada kesihatan manusia terutamanya apabila mikroplastik boleh dikesan dalam rantai makanan. Selain itu, plastik juga boleh merosakkan kualiti air dan tanah terutamanya apabila bahan kimia daripada plastik diserap ke dalam dua sumber alam itu.

Bagi sumber udara juga tidak terkecuali. Pembakaran plastik boleh membebaskan pelbagai gas berbahaya ke udara dan ini juga tidak baik untuk kesihatan manusia dan boleh menyumbang kepada pemanasan global. Malah, plastik yang dibuang merata-rata boleh menyekat aliran air dan akhirnya membawa masalah banjir.

Penggunaan plastik secara berleluasa juga tidak kos efektif kerana kebanyakan plastik, termasuklah straw, dihasilkan daripada polipropilena (polypropylene), sejenis plastik yang dihasilkan daripada petroleum. Harus diingat bahawa petroleum adalah satu sumber semula jadi yang tidak boleh diperbaharui dan ketika ini, ketersediaan sumber tersebut

semakin terhad.

Oleh itu, amat penting untuk kita mula mengurangkan dan seterusnya menghentikan penggunaan semua jenis plastik termasuklah straw. Ketika ini, penggunaan straw begitu berleluasa. Jika secara kasar kita menganggarkan setiap penduduk Malaysia yang berjumlah 32 juta orang ketika ini menggunakan dan kemudian membuang tanpa mengitar semula satu straw setiap hari, maka bayangkanlah betapa banyaknya straw yang akan bertimbun di tapak pelupusan atau persekitaran jika ia dibuang merata-rata.

Anggaran ini hanya melibatkan sekali penggunaan sedangkan hakikatnya ramai dalam kalangan kita yang menggunakan lebih daripada satu straw setiap hari.

Maka, marilah kita sama-sama menyokong usaha menghentikan penggunaan straw. Apa yang boleh dilakukan ialah menggunakan penyedut minuman alternatif. Tahukah anda terdapat penyedut minuman yang dibuat daripada keluli tahan karat, buluh mahupun kaca?

Penyedut minuman jenis ini, walaupun sedikit mahal berbanding straw plastik, namun ia lebih menjimatkan untuk jangka masa

panjang kerana boleh digunakan berkali-kali dan tidak meninggalkan kesan buruk kepada persekitaran.

Penyediaan penyedut minuman alternatif merupakan sebahagian daripada penyelesaian masalah. Apa yang lebih penting lagi ialah perubahan cara berfikir, nilai dan budaya masyarakat terhadap straw dan penggunaan semua jenis plastik amnya.

Jadilah pengguna yang berhemah dan istiqamah dalam memastikan kejayaan usaha menghentikan pencemaran plastik dengan cara tidak lagi meminta straw, membawa penyedut minuman alternatif setiap masa dan berkongsi pengalaman serta menyokong sepenuhnya usaha mengurangkan penggunaan straw.

Hentikanlah mempersenda serta memperlekeh usaha ini. Usaha ini adalah tanggungjawab dan bukannya sebuah "cerita komedi."

*Penulis Fellow, Pusat Kajian Sains dan Alam Sekitar, Institut Kefahaman Islam Malaysia (IKIM)



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LAMPIRAN 18
THE STAR (DIGITAL TREND): MUKA SURAT 6
TARIKH: 17 OKTOBER 2018 (RABU)

HSBC pledges US\$329mil investment in British green energy

LONDON: HSBC Holdings Plc plans to invest £250mil of its pension scheme into renewable energy infrastructure for wind and solar in the UK, joining around 30 other firms making similar climate change pledges.

Amazon.com Inc also committed to installing 20 megawatts of solar power at depots around the country, while EDF Energy Plc said it will electrify 1,500 of its vehicles by 2030 as part of the UK government-led "Green GB Week".

"Renewable energy infrastructure can pro-

vide attractive risk adjusted returns for investors seeking predictable cash flows derived from real assets over the long term," said Russell Picot, chair of the Trustee Board at the HSBC Bank Pension Trust.

The latest climate push from the Department of Business, Energy and Industrial Strategy has also seen the government ask climate change advisers whether it should set a date for a net zero emissions target. The announcements come in the wake of a United Nations climate report that called

for urgent global action to slow the rate of global warming or face catastrophic consequences.

John Lewis Partnership Plc pledged to switch its 500 diesel trucks into bio-methane vehicles by 2028, while accounting firm KPMG LLP plans to ban single use plastic cups in all its hot drinks dispensers.

It's now a decade since the publication of the pioneering UK Climate Change Act, one of the first pieces of legislation to tackle climate issues put in place by a developed nation, and

the British government called on more businesses to help out in the fight to stop global warming.

"Governments cannot confront this unprecedented global challenge alone," said Energy Minister Claire Perry.

"We need businesses around the world to step up to the mark and today our largest companies are leading the way, making significant pledges worth millions to cut emissions while continuing to grow the green economy." — Bloomberg