

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

Bil	Berita	Media	Capaian Berita Penuh
1.	<u>Jom bersihkan pantai</u> Program yang bermula jam 7.30 pagi itu dijangka akan dirasmikan oleh Menteri Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar, Yeo Bee Yin.	Sinar Harian	Rujuk lampiran 1
2.	<u>TNB considers merger deals to go for renewable energy</u> The Malaysian company's push toward sustainable sources of electricity aligns with the agenda set out by Energy Minister Yeo Bee Yin, who said this week that she's confident of meeting a 20% renewable energy target by 2030, from 2% currently.	The Star	Rujuk lampiran 2
3.	<u>CEPSI 2018</u> Thank You, YAB Tun Dr. Mahathir Mohamad, Prime Minister of Malaysia and YB Yeo Bee Yin, Minister of Energy, Science, Technology, Environment & Climate Change (MESTECC)	The Star	Rujuk lampiran 3
4.	<u>CEPSI 2018</u> Thank You, YAB Tun Dr. Mahathir Mohamad, Prime Minister of Malaysia and YB Yeo Bee Yin, Minister of Energy, Science, Technology, Environment & Climate Change (MESTECC)	New Straits Times	Rujuk lampiran 4
5..	<u>Penang state leaders not pocketing money in highway project, says minister</u> Yeo Bee Yin was referring to the controversial Pan Island Link (PIL1) highway project. "I just want to say that none of them in the state government is pocketing money from this project."	Malay Mail	Klik pada tajuk berita
6.	<u>Kerajaan teliti maklum balas sebelum laksana projek lebuh raya PIL1</u> Menteri Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar Yeo Bee Yin berkata	Astro Awani	Klik pada tajuk berita

	pihaknya akan meneliti semua maklum balas daripada orang awam yang menyokong mahupun membantah projek berkenaan dan mengadakan perbincangan dengan kerajaan negeri sebelum membuat sebarang keputusan.		
7.	<u>No to coal power in Sabah, explore renewable energy first, says WWF</u> WWF-Malaysia that the Energy, Technology, Science, Climate Change and Environment ministry has acknowledged the inefficiency in electricity generation, transmission and distribution in Sabah.	The Star	Klik pada tajuk berita
8.	<u>More competitive rates ahead for power sector with MESI Reform 2.0</u> “However, Energy, Science, Technology, Environment and Climate Change Minister Yeo Bee Yin had highlighted that affordability takes precedence over the RE targets that it has set.	The Malaysian Reserve	Klik pada tajuk berita
9.	<u>Liberalisation of power industry provides great opportunities for Malaysia</u> Accenture Digital (ASEAN) managing director James Chong noted Energy, Science, Technology, Environment and Climate Change minister Yeo Bee Yin’s assurance that Malaysia will be undergoing deregulation over the next two to three years, and said this provides various opportunities for the country.	The Edge Market	Klik pada tajuk berita
10.	<u>Emerging Asia's top power firm considers M&A deals to go green</u> The Malaysian company’s push toward sustainable sources of electricity aligns with the agenda set out by Energy Minister Yeo Bee Yin, who said this week that she’s confident of meeting a 20% renewable energy target by 2030, from 2% currently.	The Edge Market	Klik pada tajuk berita
11.	<u>Aussie High Commissioner: No benefit in closing Lynas</u> Goledzinowski said he had met with Energy, Technology, Science, Climate Change and Environment Minister Yeo Bee Yin and she had	The Star	Klik pada tajuk berita

	stated her interest to visit the Lynas Advanced Materials Plant in Gebeng here.		
12.	<u>Lynas plant safe, let it operate freely: Pahang assemblyman</u> He said during the visit, they were briefed on the plant's waste management, which prompted him to send a letter with three recommendations to Energy, Green Technology, Science, Climate Change and Environment Minister Yeo Bee Yin on Sept 6.	New Straits Times	Klik pada tajuk berita
13.	<u>Bentong MP takes on Aussie high commissioner over Lynas closure</u> The people were not consulted prior to the approval of the plant. No public consultations were carried out except for two sessions by the Atomic Energy Licensing Board (AELB) "out of an initial series planned which was hastily cancelled after facing angry opposition to the Lynas project and inability to convince the people to accept it"	Free Malaysia Today	Klik pada tajuk berita
14.	<u>BMW M'sia introduces first-ever BMW i8 Roadster at CEPsi 2018</u> Further solidifying its position as the leading provider of premium electrified mobility, BMW Malaysia also introduced the First-Ever BMW i8 Roadster, which was officiated by the Minister of Energy, Science, Technology, Environment and Climate Change, Yeo Bee Yin, as a special guest at the landmark conference.	The Borneo Post	Klik pada tajuk berita
15.	<u>TNB fokus tenaga boleh diperbaharui</u> Inisiatif TNB ke arah sumber tenaga lestari adalah sejajar dengan agenda yang ditetapkan oleh Menteri Tenaga, Sains, Teknologi, Alam Sekitar & Perubahan Iklim, Yeo Bee Yin yang yakin dapat mencapai sasaran 20 peratus RE menjelang 2030, daripada hanya dua peratus ketika ini.	Utusan Malaysia	Klik pada tajuk berita
16.	<u>MDV issues RM230m Islamic medium-term notes</u> MDV, in a statement today, said the RM230 million was issued on a bought deal basis with	New Straits Times	Klik pada tajuk berita

	CIMB Investment Bank Bhd (for RM130 million sum) and Affin Hwang Investment Bank Bhd (for RM100 Million sum) as primary subscribers.		
--	--	--	--

TEMPATAN

Bil	Berita	Media	Capaian Berita Penuh
17.	<u>Reforming power sector</u> “The tariff design was more or less similar at the time, and fuel was an issue then, which reached US\$148 a barrel – too high for Malaysia.	New Straits Times	Rujuk lampiran 5
18.	<u>Straw plastik akan diharamkan</u> Kementerian Wilayah akan mengharamkan penggunaan penyedut minuman plastik di semua kedai dan restoran makanan di Kuala Lumpur, Putrajaya dan Labuan mulai Januari tahun depan.	Kosmo	Rujuk lampiran 6 atau klik pada tajuk berita
19.	<u>10 kilang plastik haram diserbu</u> Hampir 300,000 penduduk Kuala Langat di Selangor yang terpaksa menanggung derita menghirup udara tercemar pada setiap hari kini boleh menarik nafas lega apabila 10 lagi kilang plastik haram di daerah itu di-serbu pihak berkuasa semalam.	Kosmo	Rujuk lampiran 7 atau klik pada tajuk berita
20.	<u>1,000 stesen cas kenderaan EV dibangun akhir tahun ini</u> Kira-kira 1,000 stesen mengecas kenderaan elektrik (EV) akan dibangunkan menjelang akhir tahun ini diseleruh negara bagi memenuhi peningkatan permintaan dalam EV.	Berita Harian	Rujuk lampiran 8
21.	<u>Sabah deputy chief minister says coal mining only at ‘talking stage’ now</u> Sabahans have been up in arms over the statement and rejected the idea of mining here to subsidise energy to west Malaysia when the state is still suffering from lack of infrastructure including water and electricity supply in rural areas.	Malay Mail	Klik pada tajuk berita

22.	<u>Sasaran tenaga RE perlukan kerjasama komprehensif/ Penggunaan RE perlu sokongan kerajaan, rakyat</u> Sasaran untuk Malaysia mencapai penggunaan tenaga boleh diperbaharui (RE) sebanyak 20 peratus pada tahun 2030 dilihat agak agresif kerana negara kekurangan perangsang untuk menggalakkan pertumbuhan sumber tenaga itu ketika ini, kata Pengerusi Lembaga Tenaga Malaysia, Datuk Abdul Razak Abdul Majid.	Berita Harian	Rujuk lampiran 9 atau klik pada tajuk berita
23.	<u>3,000 charging stations for EVs by end 2019</u> In October last year, Petronas Daganagan Bhd, GreenTech Malaysia and TNB ES entered into a tripartite agreement to install 100 electric vehicle (EV) charging stations, ChargeEV, by 2018.	New Straits Times	Klik pada tajuk berita
24.	<u>Terima 114 aduan pembakaran terbuka</u> Pengerusi Jawatankuasa Bertindak Kesihatan, Alam Sekitar, Koperasi dan Kepenggunaan Negeri Sembilan, S Veerapan berkata daripada 114 aduan tersebut, 92 kes aduan melibatkan sampah sarap yang dibakar di kawasan perumahan dan kampung serta di tepi-tepi jalan.	Sinar Harian	Klik pada tajuk berita
25.	<u>Penyedut minuman plastik diharam</u> Dalam pada itu, Adnan menjelaskan, pihak kementerian dalam proses untuk memasukkan larangan penggunaan penyedut minuman plastik itu sebagai salah satu daripada syarat permohonan dan pembaharuan lesen perniagaan.	Utusan Malaysia	Klik pada tajuk berita

ANTARABANGSA

Bil	Berita	Media	Capaian Berita Penuh
26.	<u>A.I., a threat to the developing world</u> Both models are based on a country's cost advantages in the performance of repetitive, non-social and largely uncreative work – whether	New Straits Times	Rujuk lampiran 10

	manual labour in factories or cognitive labour in call centres.		
27.	<u>Philippine landslide kills six, dozens missing</u> Six people were killed and dozens are missing after a landslide unleashed by monsoon rains struck in the central Philippines Thursday, inflicting more misery on the already storm-battered nation.	Malay Mail	Rujuk lampiran 11
28.	<u>A.I 'curing' doctor shortage</u> The small device, which has a half-open clasp that records the heartbeat, is one of the technologies developed by hi-tech firms aiming to help China offset its shortage of physicians by combining big data and artificial intelligence (AI).	New Straits Times	Rujuk lampiran 12
29..	<u>Beyond STEM: Why AI Demands Higher-Level Skills</u> There is plenty of discussion about the need for science, technology, engineering and math (STEM) skills as the gateway to employment opportunities (and for employers, staffing requirements) in the artificial intelligence-enhanced economy ahead.	Forbes	Klik pada tajuk berita
30.	<u>How Europe can improve the development of AI</u> THE two superpowers of artificial intelligence (AI) are America and China. Their tech giants have collected the most data, attracted the best talent and boast the biggest computing clouds—the main ingredients needed to develop AI services from facial recognition to self-driving cars.	The Economist	Klik pada tajuk berita
31.	<u>European artificial intelligence experts unite in bid to challenge US-China dominance</u> More than 2,000 European AI experts have come together to collaborate on research and call for large-scale funding from the European Union to counter China and America's rapid progress in the field.	South China Morning Post	Klik pada tajuk berita

32.	<u>ExxonMobil agrees to join oil and gas climate change alliance</u> ExxonMobil has joined the oil and gas industry's flagship climate change project, reversing its decision not to join the alliance four years ago.	The Guardian	Klik pada tajuk berita
33.	<u>Build walls on seafloor to stop glaciers melting, scientists say</u> Building walls on the seafloor may become the next frontier of climate science, as engineers seek novel ways to hold back the sea level rises predicted to result from global warming.	The Guardian	Klik pada tajuk berita

LAMPIRAN 1
SINAR HARIAN: MUKA SURAT 33
TARIKH: 21 SEPTEMBER 2018 (JUMAAT)

Jom bersihkan pantai

JERAM - Pantai Remis sekali lagi menjadi tumpuan bagi penganjuran Program Pembersihan Pantai Peringkat Negeri Selangor 2018 di pusat pelancongan itu pada Sabtu ini.

Program yang bermula jam 7.30 pagi itu dijangka akan dirasmikan Menteri Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar, Yeo Bee Yin.

Program anjuran Jawatankuasa Tetap Alam Sekitar, Teknologi Hijau dan Hal Ehwal Pengguna, Sains, Teknologi dan Inovasi Negeri Selangor itu mendapat kerjasama Majlis Daerah Kuala Selangor.

Aktiviti pembersihan pantai itu seiring usaha kerajaan negeri menjadikan Pantai Remis antara destinasi pelancongan.

LAMPIRAN 2
THE STAR (NEWS): MUKA SURAT 4
TARIKH: 21 SEPTEMBER 2018 (JUMAAT)

TNB considers merger deals to go for renewable energy

KUALA LUMPUR: Tenaga Nasional Bhd (TNB), the most valuable listed utility company in emerging Asia, is looking to sell its gas-fired power plant in Pakistan as it pushes forward with a plan to rely more on renewable sources of energy.

Malaysia's state-owned electricity producer wants to reduce reliance on fossil fuel, which accounts for about 70% of its power generation, chief executive officer Datuk Seri Azman Mohd said in an interview.

The company is also considering increasing its stake in Turkey's Gama Enerji AS that produces electricity using water, wind and natural gas, he said.

"Our strategy is to invest in a combination of developed countries and emerging countries, contracted and market, fossil fuel and renewable we are increasing our renewable," Azman said in his first interview with international media



since taking the helm in 2012. TNB has a market value of nearly RM90bil, beating publicly traded peers including India's NTPC Ltd and China's Huaneng Power International Inc.

The Malaysian company's push toward sustainable sources of electricity aligns with the agenda set out

by Energy Minister Yeo Bee Yin (pic), who said this week that she's confident of meeting a 20% renewable energy target by 2030, from 2% currently.

TNB wants to produce 1,700 MW from green energy by 2025, from 280 MW, according to a December investor presentation. That compares with the company's total installed capacity of 24,139 MW, enough to power at least 1.6 million mid-sized homes.

Azman declined to give pricing details for the deals in Pakistan or Turkey as both are still in exploration stages. TNB owns 30% of Gama Enerji with more than 1,100 MW of installed power in Turkey, as well as a 235 MW power plant in Pakistan's Sindh province.

The company seeks to build up its international investments, including its power assets in the UK and India, until they account for 20% of

earnings by 2025, according to its website.

"Shareholders' returns is always paramount," Azman said. "So we are always looking at the gearing, and that's why we are talking about monetising certain things because we have to maintain the gearing at an optimum level."

TNB has total debt of RM47.6bil as well as cash and equivalents of RM14.6bil as of June 30, data compiled by Bloomberg showed.

Azman said utilities need to find better ways of offering electricity to customers and can't afford to be complacent given technological advances.

TNB is exploring the potential of using its network to deliver Internet connection, with a pilot project started in Melaka to assess the plan's viability, according to a stock exchange filing last month. — Bloomberg

LAMPIRAN 3
THE STAR: MUKA SURAT 9
TARIKH: 21 SEPTEMBER 2018 (JUMAAT)

THANK YOU

YAB Tun Dr. Mahathir Mohamad

Prime Minister of Malaysia

and

YB Yeo Bee Yin

**Minister of Energy, Science, Technology,
Environment & Climate Change (MESTECC)**

for gracing the Conference of the Electric Power Supply Industry (CEPSI) 2018.

We would also like to thank those who have supported and participated in this prestigious event. We hope that this year's power-packed conference has presented illuminating insights into reimagining utility of the future.

From the Board of Directors, Management and staff of TNB



BROUGHT TO YOU BY



TENAGA NASIONAL
Better. Brighter.



TNB PROUDLY PRESENTS
CONFERENCE OF THE ELECTRIC POWER SUPPLY INDUSTRY (CEPSI) 2018

REIMAGINING UTILITY OF THE FUTURE

KUALA LUMPUR CONVENTION CENTRE
17-22 SEPTEMBER 2018



TENAGA NASIONAL BERHAD (200866-W)



LAMPIRAN 4
NEW STRAITS TIMES: MUKA SURAT 3
TARIKH: 21 SEPTEMBER 2018 (JUMAAT)

THANK YOU

YAB Tun Dr. Mahathir Mohamad

Prime Minister of Malaysia

and

YB Yeo Bee Yin

Minister of Energy, Science, Technology,
Environment & Climate Change (MESTEC)

for gracing the Conference of the Electric Power Supply Industry (CEPSI) 2018.

We would also like to thank those who have supported and participated in this prestigious event.
We hope that this year's power-packed conference has presented illuminating insights into reimagining utility of the future.

From the Board of Directors, Management and staff of TNB

CEPSI
2018

BRINGING YOU BY

TENAGA NASIONAL
Better. Brighter.



TNB PROUDLY PRESENTS
CONFERENCE OF THE ELECTRIC POWER SUPPLY INDUSTRY (CEPSI) 2018

REIMAGINING UTILITY OF THE FUTURE

KUALA LUMPUR CONVENTION CENTRE
17 - 22 SEPTEMBER 2018

SPONSORS:



TENAGA NASIONAL BERHAD (209066-W)



LAMPIRAN 5
NEW STRAITS TIMES (NEWS): MUKA SURAT 5
TARIKH: 21 SEPTEMBER 2018 (JUMAAT)



Panellist holding a discussion at the Conference of the Electric Power Supply Industry 2018 in Kuala Lumpur yesterday.
BERNAMA PIC

MALAYSIA ENERGY COUNCIL

Reforming power sector

Country underwent 'transitional pains' since 2009 to liberalise sector

ZARINA ZAKARIAH
KUALA LUMPUR
zarinaz@mediaprima.com.my



BETWEEN 2014 and this year, the power sector has undergone "transitional pains" to facilitate reforms to address issues of overcapacity and direct awards of independent power producers (IPPs).

Malaysia Energy Council chairman Datuk Abdul Razak Abdul Majid said Malaysia had to undergo reforms since 2009 until last year for it to arrive at a more liberalised energy sector it is today.

"We had issues in 2009 where there were calls for better efficiency, transparency and tariff mechanism, and we wanted a better performance-driven industry, putting people first while taking care of what the customer wants and incorporating green technology into the system.

"The tariff design was more or less similar at the time, and fuel was an issue then, which reached US\$148 a barrel — too high

for Malaysia.

"And we pondered on how do we deal with the first generation PPAs [power purchase agreements] where we had cries from the press over the IPPs having allegedly accumulated huge profits at the time," he said during his presentation, titled "MESI Transformation: Evolution in a Revolution".

Abdul Razak said Malaysia had gone a long way since 2009, but the sector needed to evolve into an industry that incorporated customer expectations on energy usage.

"There will be a new industry where customers are not only consumers, but also generators of electricity that will be given back to the grid.

"There must be a way that this can be done.

"There is no question on the security of supply as it has to be maintained at a world-class level, and no excuse of a day or even a few hours

of outage throughout the year," he added.

Asked on Malaysia's power overcapacity, Abdul Razak said although the reserve margin was slightly high, currently at 30 per cent, it was acceptable when taking into account the aspect of fuel security.

"In terms of reserve margin, today we are at about 30 per cent. That is more than what our planned margin level was, but it is not too bad when considering the aspect of fuel security.

"We may have the capacity, but if we do not have the fuel, we may face a shortfall in supply and this is to cater for eventualities. That is why we allow for more margin to cater for possible fuel shortfall."

He was speaking at the three-day Conference of the Electric Power Supply Industry 2018 (Cepsi 2018) which ended yesterday, gathering about 2,000 industry participants globally.

LAMPIRAN 6
KOSMO (NEGARA): MUKA SURAT 7
TARIKH: 21 SEPTEMBER 2018 (JUMAAT)

Langkah untuk kurangkan pencemaran di Kuala Lumpur, Putrajaya dan Labuan

Straw plastik akan diharamkan

Oleh JUNHAIRI ALYASA

PUTRAJAYA – Kementerian Wilayah akan mengharamkan penggunaan penyedut minuman plastik di semua kedai dan restoran makanan di Kuala Lumpur, Putrajaya dan Labuan mulai Januari tahun depan.

Ketua Setiausaha Kementerian Wilayah, Datuk Seri Adnan Md. Ikhsan berkata, langkah itu bertujuan mengurangkan pencemaran dan memelihara alam sekitar.

Menurutnya, tindakan penguatkuasaan akan diambil bermula tahun 2020 selepas pengguna terutama peniaga diberi kesedaran mengenai bahaya penggunaan

produk berasaskan plastik.

“Kita akan menggunakan peruntukan undang-undang yang sama seperti penggunaan beg plastik dan bekas makanan polistirena iaitu peniaga yang didapati melanggar peraturan boleh dikompau tidak melebihi RM1,000.

“Kementerian juga dalam proses untuk memasukkan larangan penggunaan penyedut minuman plastik itu sebagai salah satu daripada syarat permohonan dan pembaharuan lesen perniagaan,” katanya

dalam sesi temu bual khas berhubung pelaksanaan penggunaan produk boleh urai atau biodegradasi di pejabatnya di sini semalam.

Ketika ini restoran makanan

segera, McDonald’s dan gedung kelengkapan rumah dan hiasan dalaman, IKEA telah memulakan inisiatif tidak menyediakan penyedut minuman.

Pelanggan akan minum minuman tanpa menggunakan straw.

Adnan memberitahu, pihaknya telah mula mengeluarkan kompaun kepada pasar raya besar, pasar malam, penaja dan premis perniagaan yang belum menggunakan produk biodegradasi.

Ujarnya, tindakan itu dilakukan selepas tempoh mendidik berakhir pada 1 September 2017 sejak program itu diperkenalkan pada 27 April 2016.

“Sejak 1 September 2017, sebanyak 1,025 nota amaran dan 90 tindakan kompaun dikeluarkan kepada pemegang lesen,” katanya.



ADNAN



PENGGUNAAN straw plastik boleh menyebabkan pencemaran alam sekitar kerana ia tidak boleh diurai. – Gambar hiasan

LAMPIRAN 7
KOSMO (NEGARA): MUKA SURAT 1
TARIKH: 21 SEPTEMBER 2018 (JUMAAT)

10 lagi kilang plastik haram diserbu

26 pekerja asing turut ditahan dalam operasi bersepadu di Kuala Langat

HAMPIR 300,000 penduduk Kuala Langat di Selangor yang terpaksa menanggung derita menghirup udara tercemar setiap hari selepas daerah itu dijadikan tempat untuk melonggokkan beribu-ribu tan sisa plastik boleh menarik nafas lega apabila 10 lagi kilang plastik haram diserbu pihak berkuasa semalam.

Dalam operasi bersepadu siri ketiga yang berlangsung selama lapan jam di Jenjarom, Telok Panglima Garang dan Banting itu, seramai 26 pekerja asing warga India, China, Nepal dan Bangladesh turut ditahan.

Penolong Pegawai Penguat Kuasa Majlis Daerah Kuala Langat, Mohd. Hairul Nizam Salimin berkata, secara keseluruhan sebanyak 24 buah kilang plastik haram di daerah itu telah diserbu sejak dua bulan lalu.

"Antara kesalahan yang dikesan adalah berkaitan lesen perniagaan

Selangor diancam pencemaran kilang plastik

KERATAN Kosmo!
23 Julai 2018.



ATAS: Salah sebuah kilang plastik haram di daerah Kuala Langat yang diserbu pihak berkuasa semalam.

KANAN: Sebahagian pekerja asing yang ditahan Jabatan Imigresen di kilang memproses plastik kitar semula di Kuala Langat semalam.



di samping pelbagai kesalahan lain seperti status tanah serta bangunan," katanya.

Tambah beliau, daerah Kuala Langat menempatkan sebanyak 51

buah kilang plastik dengan hanya 12 daripadanya yang memiliki lesen untuk beroperasi.

LAMPIRAN 7 (SAMBUNGAN) KOSMO (NEGARA): MUKA SURAT 2 TARIKH: 21 SEPTEMBER 2018 (JUMAAT)

Operasi bersepadu pihak berkuasa selama lapan jam di daerah Kuala Langat

10 kilang plastik haram diserbu

Oleh LUQMAN RIDHWAN
dan RUZAINI ABDUL RAZAK

KUALA LANGAT – Hampir 300,000 penduduk Kuala Langat di Selangor yang terpaksa menanggung derita menghirup udara tercemar pada setiap hari kini boleh menarik nafas lega apabila 10 lagi kilang plastik haram di daerah itu diserbu pihak berkuasa semalam.

MOHD. HAIRUL

Serban yang dilakukan dalam operasi bersepadu itu berlangsung selama kira-kira lapan jam di Jenjarom, Telok Panglima Garang dan Banting di daerah ini.

Operasi yang bermula pada pukul 10 pagi itu turut melibatkan penahanan seramai 26 orang pekerja haram warga asing yang berasal dari pelbagai negara seperti India, China, Nepal dan Bangladesh.

Tinjauan *Kosmo!* ketika operasi itu berlangsung mendapati terdapat segelintir pengusaha kilang haram menggunakan pelbagai taktik bagi mengelak penghapusan kemasukan pihak berkuasa ke premis masing-masing.

Taktik tersebut digunakan untuk memberi peluang kepada pekerja haram yang bekerja di kilang milik mereka melarikan diri.

Penolong Pegawai Penguat Kuasa Majlis Daerah Kuala Langat (MDKL), Mohd. Hairul Nizam Salimin berkata, operasi siri ketiga itu merupakan kesinambungan daripada dua operasi sebelum ini yang menyebabkan sebanyak 14 buah kilang haram diserbu dan dikenakan tindakan.

Katanya, berdasarkan semakan terkini pihaknya, daerah tersebut menempatkan sebanyak 51 buah kilang plastik dengan 12 daripadanya memiliki lesen untuk beroperasi.

“Operasi hari ini (semalam)



WENG SAN (kanan) menyaksikan anggota penguat kuasa menyerbu sebuah kilang plastik haram di Jenjarom, Kuala Langat semalam.



KERATAN *Kosmo!* 23 Julai 2018.

menyaksikan 10 buah kilang haram diserbu dan baki 15 kilang nanti akan kita ambil tindakan pada suatu tarikh yang akan ditentukan kemudian,” katanya kepada pemberita pada sidang akhbar di salah sebuah kilang plastik haram di Jenjarom di sini semalam.

Turut terlibat dalam operasi bersepadu itu selain MDKL ialah Polis Diraja Malaysia, Jabatan Kastam Diraja Malaysia, Jabatan Alam Sekitar, Jabatan Imigresen, Suruhanjaya Perkhidmatan Air Selangor, Syarikat Bekalan Air Selangor dan Tenaga Nasional Berhad.

Ahli Dewan Undangan Negeri (ADUN) Banting, Lau Weng San juga menyertai operasi tersebut.

Kosmo! pada 23 Julai lalu melaporkan hampir 300,000 penduduk di sekitar daerah Kuala Langat terpaksa menanggung derita menghirup udara tercemar pada setiap hari apabila daerah itu dijadikan tempat melonggokkan beribu-ribu tan sisa plastik yang diimport ke Selangor dari seluruh dunia.

Sisa plastik itu kemudian dipuskan oleh kilang haram dengan menggunakan kaedah pembawa-



DUA anggota penguat kuasa MDKL merampas beberapa barangan milik sebuah kilang plastik haram di Jenjarom, Kuala Langat.



PITA garisan kuning dipasang bagi melarang orang ramai memasuki sebuah kilang plastik haram di Jenjarom, Kuala Langat.



SERAMAI 26 pekerja haram yang merupakan PATI ditahan dalam operasi bersepadu banteras kilang plastik haram di daerah Kuala Langat.

karan yang mana asapnya mendatangkan kemudaratan kepada penduduk di sekitar daerah Kuala Langat.

Mohd. Hairul berkata, dalam operasi tersebut pihaknya menyita semua kilang haram terse-

but dengan menutup pintu utama manakala notis melibatkan pelbagai kesilahan telah dikeluarkan kepada pengusaha premis tersebut.

Katanya, notis itu termasuklah di bawah Seksyen 70(13) (c) Jabatan Kawalan Bangunan

INFO Kronologi kes kilang plastik haram

● **23 Julai 2018** - *Kosmo!* mendedahkan hampir 300,000 penduduk di Kuala Langat terutamanya di Telok Panglima Garang, Selangor terdedah dengan risiko pelbagai jenis penyakit termasuk kanser apabila daerah tersebut dijadikan tempat longgokan plastik kitar semula dari serata dunia

● **24 Julai 2018** - Kerajaan mengarahkan pihak berkuasa tempatan (PBT) segera menghentikan semua operasi kilang memproses sisa barangan plastik di sekitar Kuala Langat, Selangor. Kementerian Perumahan dan Kerajaan Tempatan (KPKT) membatalkan Lesen Import (AF) sisa plastik yang dikeluarkan kepada 114 syarikat dan kilang di seluruh negara bagi tempoh tiga bulan berkuat kuasa serta merta. Kerajaan Selangor menutup enam daripada 35 buah kilang kitar semula haram yang beroperasi di Kuala Langat

● **25 Julai 2018** - Suruhanjaya Pencegahan Rasuah Malaysia (SPRM) akan menubuhkan sebuah jawatankuasa bagi menyiasat kemungkinan wujud unsur rasuah dan penyelewengan berhubung aktiviti kilang kitar semula plastik di Selangor

● **2 Ogos 2018** - Majlis Daerah Kuala Langat (MDKL) menutup lapan buah lagi kilang kitar semula plastik haram di daerah Kuala Langat dan menyita berjuta-juta tan timbunan sisa pepejal itu yang diimport dari seluruh dunia

(JKB) dan Notis Pemberitahuan di bawah Seksyen 19(1), Akta 172 Jawatankuasa Perancangan Pembangunan.

Sementara itu, jurucakap Jabatan Imigresen berkata, kesemua pekerja haram yang merupakan pendatang asing tanpa izin (PATI) yang ditahan pada operasi tersebut akan ditempatkan di depot tahanan di Pelabuhan Klang buat sementara sebelum tindakan lanjut diambil ke atas mereka.

Operasi kilang plastik haram beri kesan positif

KUALA LANGAT – Operasi bersepadu yang dijalankan oleh pihak berkuasa ke atas kilang plastik haram di daerah ini mendatangkan kesan positif apabila pemilik premis berkenaan mula memohon lesen bagi menjalankan perniagaan masing-masing.

Ahli Dewan Undangan Negeri (ADUN) Banting, Lau Weng San (*gambar*) berkata, operasi itu sekali gus membuktikan keberkesanan serban yang dijalankan sebanyak dua kali sebelum ini oleh pihak berkuasa seperti Majlis Daerah Kuala Langat (MDKL), Polis Diraja Malaysia dan Syarikat Bekalan Air Selangor.



“Kita gembira dengan perkembangan ini namun perlu saya ingatkan kepada semua yang memohon lesen perniagaan agar bersikap jujur dalam berbuat demikian,” katanya kepada pemberita selepas menyaksikan operasi bersepadu di salah sebuah kilang haram di Jenjarom di sini semalam.

Weng San berkata, terdapat juga pengusaha kilang haram tersebut cuba memperdaya pihak berkuasa ketika memohon lesen daripada MDKL. “Sebagai contoh, borang awal yang dihantar oleh pengusaha kilang haram menyatakan mereka mahu menggunakan sesebuah bangunan untuk dijadikan gudang.

“Bagaimanapun, pengusaha kilang haram itu kemudian menukar permohonan tersebut dengan mengatakan mahu mengusahakan kilang di bangunan tersebut katanya.”

Tambahnya, beliau juga meminta orang ramai yang mengesyaki berlakunya amalan rasuah dalam kalangan penguat kuasa untuk membuat laporan kepada Suruhanjaya Pencegahan Rasuah Malaysia (SPRM).

“Kita tidak akan bertolak ansur dengan mana-mana pegawai yang menerima rasuah. Justeru, orang ramai yang ada maklumat berkenaan diharap dapat tampil membuat laporan kepada SPRM,” katanya.

Info Solat

21 SEPTEMBER 2018

11 MUHARAM 1440H

	SUBUH	SYURUK	ZUHUR	ASAR	MAGHRIB	ISHA
K. LUMPUR	5:48	7:02	1:10	4:14	7:12	8:21
SHAH ALAM	5:48	7:02	1:10	4:14	7:12	8:21
SEREMBAN	5:46	7:02	1:08	4:10	7:10	8:19
MELAKA	5:46	7:02	1:07	4:09	7:10	8:18
JOHOR BAHRU	5:40	6:55	1:01	4:01	7:03	8:12
IPOH	5:50	7:03	1:12	4:17	7:15	8:24
P. PINANG	5:52	7:07	1:14	4:21	7:17	8:26
ALOR SETAR	5:52	7:06	1:14	4:22	7:17	8:26
K. TERENGGANU	5:41	6:57	1:03	4:10	7:06	8:15
KOTA BHARU	5:49	7:01	1:07	4:15	7:10	8:15
KUANTAN	5:42	6:55	1:03	4:05	7:06	8:14
KANGAR	5:52	7:09	1:15	4:23	7:17	8:26
TAWAU	4:43	5:59	12:05	3:10	6:08	7:17
KOTA KINABALU	4:49	6:06	12:11	3:19	6:14	7:23
KUCHING	5:15	6:30	12:36	3:37	6:38	7:47
MIRI	4:59	6:15	12:20	3:25	6:23	7:32

*Kawasan-kawasan sewaktu kedatangan

*Kawasan-kawasan sewaktu dengannya

LAMPIRAN 8
BERITA HARIAN (BISNES): MUKA SURAT 24
TARIKH: 21 SEPTEMBER 2018 (JUMAAT)



Dari kiri, Pengarah Urusan dan Ketua Ekonomi Institute Energy Economics, Jepun (IEEJ), Dr Ken Koyama, Kotouc dan Pengarah Urusan panel Global IBM Energy, Environment dan Utility Industry, Brad Gammons pada sidang media Persidangan Industri Bekalan Tenaga Elektrik (CEPSI) 2018 di Kuala Lumpur, semalam.

1,000 stesen cas kenderaan EV dibangun akhir tahun ini

➔ **BMW**
Group mahu
rebut peluang
niaga pacu
pertumbuhan
tenaga hijau

Oleh Zarina Zakariah
zarina@nstp.com.my

Kira-kira 1,000 stesen mengecas kenderaan elektrik (EV) akan dibangunkan menjelang akhir tahun ini di seluruh negara bagi memenuhi peningkatan permintaan dalam EV.

Ketua Pengurusan Produk BMW Group, Dr Alexander Kotouc, berkata BMW Malaysia menasaskan untuk memanfaatkan rancangan oleh Green Technology Malaysia Corporation (Green Technology) dan Tenaga Nasional Bhd Energy Services (TNB ES) bagi membangunkan kira-kira 1,000 stesen mengecas menjelang akhir tahun ini saja.

"Di bawah inisiatif antara Green Technology dan TNBES, dijangkakan Malaysia mempunyai 1,000 stesen mengecas di pelbagai lokasi seluruh negara menjelang akhir tahun ini.

"Setakat ini, terdapat kira-kira 400 stesen tetapi ada

sasaran kukuh bagi membina sehingga 3,000 stesen menjelang akhir 2019 dan mereka meninjau rakan kongsi automotif yang ada teknologi, minat untuk memperkenalkan di Malaysia.

"Selepas dasar diwujudkan, BMW adalah pembuat kereta pertama untuk memperkenalkan kenderaan hybrid berprestasi tinggi ke Malaysia dan jualan meningkat sejak itu," katanya pada sidang media selepas sesi uapama bertajuk "Utiliti Masa Depan dan Pembangunan Mapan" pada Persidangan Industri Bekalan Tenaga Elektrik (CEPSI) 2018 di Kuala Lumpur, semalam.

Stesen mengecas

Dengan peluang model perniagaan baharu terbuka sejajar dengan minat yang meningkat terhadap kenderaan elektrik, BMW Group Malaysia bercadang untuk memanfaatkan gangguan perniagaan stesen mengecas di Malaysia.

Pada Oktober tahun lalu, Petronas Dagangan Bhd, Gre-

enTech Malaysia dan TNB ES memeterai perjanjian tiga pihak untuk memasang 100 stesen mengecas kenderaan elektrik, ChargeEV menjelang 2018.

Berikutan sambutan menggalakkan daripada pemilik kenderaan dan pembuat kereta, jumlah stesen itu meningkat dan TNB ES telah meningkatkan sasarannya kepada 1,000 stesen tahun ini.

Perkongsian kerjasama, kata Kotouc, tepat pada masanya dan sesuai dengan syarikat tenaga dan agensi kerajaan menerajui dalam melaksanakan penyelesaian mengecas dalam memacu inisiatif pertumbuhan tenaga hijau.

"Malaysia sememangnya adalah pasaran utama bagi kenderaan elektrik kami dan kami melihat angkanya meningkat. Kami juga mengunjurkan kira-kira 56 peratus jualan kenderaan plug in hibrid tahun depan," katanya.

Stesen mengecas ChargeEV kini percuma bagi kenderaan elektrik di seluruh negara.



LAMPIRAN 9
BERITA HARIAN (BISNES): MUKA SURAT 24
TARIKH: 21 SEPTEMBER 2018 (JUMAAT)

Penggunaan RE perlu sokongan kerajaan, rakyat

Sasaran untuk Malaysia mencapai penggunaan tenaga boleh diperbaharui (RE) sebanyak 20 peratus pada 2030 dilihat agak agresif kerana negara kekurangan pertumbuhan sumber tenaga itu ketika ini, kata Pengerusi Lembaga Tenaga Malaysia, Datuk Abdul Razak Abdul Majid.

Beliau berkata, bagi membolehkan sasaran itu dicapai, kerajaan perlu menawarkan sokongan dari segi program dan insentif berseesuaian kepada pengguna.

"Kejayaan untuk mencapai sasaran ini bergantung sejauh mana dasar kerajaan boleh membantu dan sejauh mana masyarakat sanggup turut serta

menjayakannya.

"Jika ia didorong sepenuhnya oleh sektor komersial, maka ia mungkin tidak akan dapat dicapai dengan pantas. Namun jika ideanya adalah untuk masyarakat sama-sama terbabit di dalam agenda hijau ini, maka ia (sasaran penggunaan tenaga RE) mungkin dapat dicapai dengan lebih pantas," katanya.

Beliau berkata demikian pada sidang media selepas sesi forum pada Persidangan Industri Bekalan Tenaga Elektrik (CEPSI) 2018 di Kuala Lumpur, semalam.

Abdul Razak adalah antara panel bagi sesi forum bertajuk Pembangunan Hijau dan Transformasi Dalam Industri Bekalan



Abdul Razak Abdul Majid

Elektrik yang turut disertai Penasihat Ketua Teknologi Meralco, syarikat utiliti dari Filipina, Gavin D Barfield dan Pengurus Besar (R&D), CG Power & Industrial Solutions Ltd.

Elak unsur tipu, curi

Mengulas lanjut, Abdul Razak berkata, sistem prabayar elektrik tidak digunakan di Malaysia kerana bimbang berlaku unsur penipuan dan pencurian.

"TNB pernah cuba melaksanakan sistem sedemikian sebelum ini, namun ia kemudian dihentikan. Kita bimbang sistem ini digodam dan maklumat penting berkaitan individu dicuri," katanya. Sementara itu Barfield berka-

ta, sistem prabayar elektrik yang diamalkan di Filipina berjaya membantu rakyat menggunakan tenaga elektrik dengan lebih cekap dan berkesan.

Katanya mereka dapat menentukan kadar penggunaan elektrik di rumah masing-masing dan kemudian mengawal penggunaannya.

"Sistem ini juga membantu tuan rumah apabila tidak perlu risau dengan tunggakan bil daripada penyewa mereka. Apabila penyewa sudah habis menggunakan kuota ditetapkan, maka mereka perlu menambah nilai prabayar itu sendiri sebelum dapat menggunakan semula tenaga elektrik di rumah berkenaan," katanya.

LAMPIRAN 10
NEW STRAITS TIMES (OPINION): MUKA SURAT 17
TARIKH: 21 SEPTEMBER 2018 (JUMAAT)

ARTIFICIAL INTELLIGENCE

A.I., A THREAT TO THE DEVELOPING WORLD

Developing countries must build unique, human-centred service industries, such as tourism, culture, hotline call centres and care for the elderly, besides carving a niche within the AI landscape, writes
KAI-FU LEE

MOST studies on the impact of artificial intelligence on jobs and the economy have focused on developed countries such as the United States and Britain. But, through my work as a scientist, technology executive and venture capitalist in the US and China, I've come to believe that the gravest threat AI poses is to emerging economies.

In recent decades, China and India have presented the world with two different models of how such countries can climb the development ladder. For the China model, a nation leverages its large population and low costs to build a base of blue-collar manufacturing. It then steadily works its way up the value chain by producing better and more technology-intensive goods.

For the India model, a country combines a large English-speaking population with low costs to become a hub for outsourcing of low-end, white-collar jobs in fields such as business-process outsourcing and software testing. If successful, these relatively low-skilled jobs can be slowly upgraded to more advanced white-collar industries.

Both models are based on a country's cost advantages in the performance of repetitive, non-social and largely uncreative work — whether manual labour in factories or cognitive labour in call centres. Unfortunately for emerging economies, AI thrives at performing precisely this kind of work.

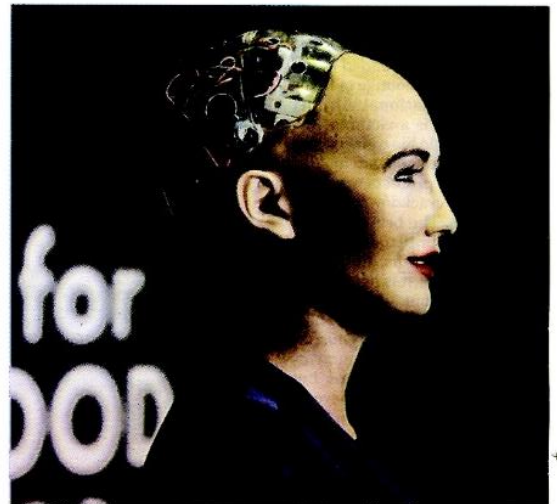
AI is dramatically accelerating the automation of factories and taking over routine tasks such as customer services or telemarketing. AI does such jobs cheaper than the low-wage workers of the developing world and, over time, will do them better. Robots examining your iPhone for scratches don't take vacations for Chinese New Year; AI customer-service agents don't demand pay raises.

Without a cost incentive to locate in the developing world, corporations will bring many of these functions back to the countries where they're based. That will leave emerging economies, unable to grasp the bottom rungs of the development ladder, in a dangerous position: The large pool of young and relatively unskilled workers that once formed their greatest comparative advantage will become a liability — a potentially explosive one.

Increasing desperation in the developing world will contrast with a massive accumulation of wealth among the AI superpowers. AI runs on data and that dependence leads to a self-perpetuating cycle of consolidation in industries: The more data you have, the better your product. The better your product, the more users you gain. The more users you gain, the more data you have.

We've seen this phenomenon play out with purely online products such as Google Search and it will soon be replicated in other AI-intensive industries such as self-driving cars. The result will be an unprecedented concentration of productive capacity and wealth in the hands of the elite AI companies, almost all of which are located in the US and China. According to one study by the consulting firm PwC, of the US\$15.7 trillion (RM65 trillion) in wealth AI will generate globally by 2030, a full 70 per cent will accrue to those two countries alone.

So, what is an emerging economy to do? The first step is to recognise that the traditional paths to economic development — the China and India models — are no longer viable. China will likely be the last large country to climb out of poverty through factory work. The next wave of emerging economies must chart



Sophia, an artificial intelligence robot presented during the 'AI for Good' Global Summit at the International Telecommunication Union (ITU) in Geneva, Switzerland last year. AI is dramatically accelerating the automation of factories and taking over routine tasks such as customer services or telemarketing. REUTERS PIC

a new course.

That requires a two-pronged approach that addresses education. For the large body of less-educated workers, countries must look to build up unique, human-centred service industries. Even the best robots can't give travelers the feeling of warmth and hospitality of staying at a unique bed-and-breakfast. Industries such as tourism, culture, hotline call centres and elderly care can bring poorer nations into a complementary relationship with the AI superpowers.

At the same time, developing countries need to carve out their own niches within the AI landscape. Factory robots can work anywhere in the world. But, a micro-lending algorithm developed using the credit reports of American consumers would be useless in an agricultural country such as Ethiopia, where borrowers don't have credit cards or traditional mortgages.

To seize on this gap, governments need to fund the AI education of their best and brightest students, with the goal of building local companies that employ AI. Math and engineering prodigies should be discovered early, trained vigorously and sent

to top global AI universities to study.

Neither of these tasks will be easy. Fostering a million small businesses is far more difficult than building a hundred megafactories, while paying for top students to study abroad is a daunting task for countries still dealing with malnutrition. But, if developing countries can strike that balance, AI can also offer them an invaluable new opportunity: the chance to improve livelihoods and grow an economy without having to suffer exploitative sweatshops or environmental degradation.

Larger and more resourceful countries, such as the US and China, can help. Access to education and training may prove to be even more valuable than financial support. If AI is to be a boon and not a global burden, its benefits will need to be shared.

The writer, author of the book 'AI Superpowers: China, Silicon Valley and the New World Order', is chairman and chief executive officer of a Chinese technology-savvy investment firm, one of the first Chinese venture firms to establish a presence and investment practice in the United States

So, what is an emerging economy to do? The first step is to recognise that the traditional paths to economic development — the China and India models — are no longer viable.

LAMPIRAN 11
MALAY MAIL (WORLD): MUKA SURAT 16
TARIKH: 21 SEPTEMBER 2018 (JUMAAT)

Philippine landslide kills six, dozens missing



Residents dig among boulders as they search for survivors after a landslide triggered by monsoon rains hit a village in Naga City, Cebu province in central Philippines yesterday. — Picture by AFP

MANILA — Six people were killed and dozens are missing after a landslide unleashed by monsoon rains struck in the central Philippines yesterday, inflicting more misery on the already storm-battered nation.

The new tragedy comes just days after 2018's most powerful storm, Typhoon Mangkhut, pounded the nation's north with heavy winds and rain, sparking a separate landslide that left dozens dead.

Emergency workers in helmets and residents with shovels rushed to search for survivors of the new disaster, which happened in the village of Tina-an on the popular tourist island of Cebu.

Days of heavy monsoon rains caused a steep slope of crumbly limestone to collapse and crash into at least 10 homes

early yesterday when many people would still have been in bed.

Injured survivors were wheeled into the back of ambulances and the dead were laid on pews at a local church.

"There are 64 missing. Six are confirmed dead. Nine were injured... these are minor injuries," said civil defence spokesman Julius Regner.

"There are more than 100 rescuers on the site. They are using backhoes (excavators) and other heavy equipment," he said.

Civil defence officials in the region said landslides are fairly rare on Cebu, an elongated island with low hills.

As yesterday's search for survivors unfolded, efforts continued in the hunt for bodies in the mining area of Itogon in

the mountainous north of the Philippines, which was the area worst hit by the typhoon.

Most of those killed in the storm died in landslides in the Cordillera range, which includes Itogon and other towns in a region known for gold mining.

Police said yesterday the death toll rose to 88, primarily due to corpses recovered from the Itogon slide.

Mangkhut swamped fields in the nation's agricultural north and smashed houses when it tore through at the weekend.

Itogon is one of the country's oldest mining hubs, with known gold panning activity stretching back to before the 17th-century Spanish colonial conquest. — AFP

LAMPIRAN 12
NEW STRAITS TIMES (WORLD): MUKA SURAT 72
TARIKH: 21 SEPTEMBER 2018 (JUMAAT)

MEDICAL FUTURE

A.I. 'CURING' DOCTOR SHORTAGE

Tech firms look to artificial intelligence to ease China's healthcare issue

SHANGHAI

QU Jianguo, 64, had a futuristic medical visit here as he put his wrist through an automated pulse-taking machine and received the result within two minutes on a mobile phone — without a doctor present.

The small device, which has a half-open clasp that records the heartbeat, is one of the technologies developed by hi-tech firms aiming to help China offset its shortage of physicians by combining big data and artificial intelligence (AI).

The machine, made by Ping An Good Doctor, was shown off at the 2018 World AI Expo here at a time when policymakers are making a major push to turn the country into a global tech leader.

"I came here to see how Chinese-style medical treatment could be done without a doctor. That would be really convenient," said Qu, a retired IT worker attending the expo.

China had less than 12 million health workers last year in a population of almost 1.4 billion, according to the National Health Commission.

Ping An Good Doctor, which recently listed in Hong Kong, has one of China's largest online healthcare platforms with 228 million registered patients.

Bi Ge, a company spokesman, said the company received 500,000 online consultation requests daily.

The pulse-taking machine is part of Ping An Good Doctor's AI-assisted medical consultation system, which allows patients to do quick checks and get prescriptions without having to go to the hospital or pharmacy.

Ping An's services include a mobile app in which patients enter their personal data, medical history and describe their symptoms to an AI-assisted "receptionist" that transfers the information to a real-life doctor for a diagnosis.

"It can definitely ease China's doctor shortage problem... With the assistance of AI, it can relieve doctors from doing mundane, simple, and repetitive work," said Liu Kang, a former doctor at Peking Union Medical College Hospital.

"But China's overall AI development in medical fields is still at the catching-up phase"

US and European companies, startups and researchers have also been harnessing AI to apply the technology to various health care needs.

Chinese companies have been learning from other countries to develop and implement AI-assisted care such as medical imaging diagnosis, robot surgical systems, and drug research and development.

Good doctors in China are highly sought-after, but the supply is low and not equally distributed.

Less than 10 per cent of China's hospitals, are considered high-level facilities, but they treat half of the country's patients, according to a State Information Centre report last year.

Big data and AI-assisted services and remote communication offered by companies such as Ping An allow patients from sec-

ond- and third-tier cities to access professional advice from qualified doctors based in big cities.

"We are imitating and duplicating the skills of qualified doctors, the ones from tertiary-level (highest-level) hospitals, and spread it to smaller cities and local counties," said Fang Qu, chief technology officer of Proxima, a healthcare technology company focusing on AI-assisted medical imaging diagnosis.

Traditional Chinese methods of medical assessment — including pulse taking, which Qu experienced at the AI expo — are popular among the elderly, although some might prefer a more human touch.

"It doesn't feel the same as a doctor yet. I also don't understand what the result means," said Qu.

"I'd still need a doctor." **AFP**