

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

Bil	Berita	Media	Capaian Berita Penuh
1.	<u>A promise of power to the people</u> Energy, Green Technology, Science and Climate Change Minister Yeo Bee Yin gave the assurance that the welfare of Sabahans will be safeguarded, as she is being assisted by her deputy and Kota Belud MP Isnaraissah Munirah Majilis in pushing for electricity reform in the state.	The Star	Klik pada tajuk berita
2.	<u>Shake-up in government funds</u> There are many others that are unable to meet their obligations and they were all previously under Ministry of Finance Inc (MoF). Towards this end, the government has now placed many of the funds under the Energy, Science, Technology, Environment and Climate Change Ministry, led by Yeo Bee Yin.	The Star	Rujuk lampiran 1 atau klik pada tajuk berita
3.	<u>Ministry nod for request to hold Pan-Island Link town hall</u> The Ministry of Energy, Science, Technology, Environment and Climate Change has responded to the request by Penang Citizen Awareness Chant Group (Chant) for a town hall to be held on the proposed Pan-Island Link (PIL) 1.	The Star	Klik pada tajuk berita
4.	<u>Users with damaged appliances due to outages can claim: SESB</u> Recently, Energy, Technology, Science, Climate Change and Environment Minister Yeo Bee Yin said the State is facing inefficiency in electrical generation, transmission, and distribution. Despite the inefficiency, she admitted that the government does not have a total solution yet.	Daily Express	Klik pada tajuk berita

5.	<u>Petronas keen to invest in Philippine LNG hub</u> Cusi, who was part of President Rodrigo Duterte's working trip delegation to Kuala Lumpur last week, is understood to have held meetings with Tenaga Nasional Bhd (TNB) and a few other power players while here. He also met with Yeo Bee Yin, Malaysia's minister of energy, technology, science, climate change and environment.	The Edge Market	Klik pada tajuk berita
6.	<u>Johor to curb domestic dumping of overseas waste</u> Energy, Technology, Science, Climate Change and Environment Minister Yeo Bee Yin said the government will not allow the country to become a plastic waste bin. She said China's ban on foreign waste has forced some developed countries to send their waste to other Asian countries.	YAHOO News	Klik pada tajuk berita
7.	<u>MTDC sasar 50 syarikat capai industri 4.0</u> Perbadanan Pembangunan Teknologi Malaysia (MTDC) menyasarkan sebanyak 50 syarikat tempatan berjaya mencapai standard Industri 4.0, iaitu penggunaan automasi dan teknologi maju di Malaysia menjelang tahun hadapan.	Berita Harian	Rujuk lampiran 2 atau klik pada tajuk berita
8.	<u>Penduduk Kuala Langat tuntutan janji</u> Arahan kerajaan supaya pihak berkuasa tempatan (PBT) menutup semua kilang memproses sisa plastik di Kuala Langat, Selangor ibarat masuk te-linga kanan, keluar telinga kiri. Kilang-kilang tersebut masih beroperasi seperti tidak putus stok sisa plastik walaupun Permit Lesen Import (AP) barang bua-ngan tersebut sudah dihentikan kerajaan.	KOSMO	Rujuk lampiran 3 atau klik pada tajuk berita
9.	<u>Cradle Fund wants more private participation in start-ups</u> The private sector must engage more with start-up influencer Cradle Fund to encourage the start-up ecosystem here, said Razif Abdul Aziz.	Malay Mail	Rujuk lampiran 4

10.	<u>Cradle Fund sasar pelaburan dalam 30 pemula niaga</u> Cradle Fund Sdn Bhd (Cradle Fund) menyasarkan untuk melabur dalam lebih 30 syarikat pemula niaga atau "startup" menjelang hujung tahun ini.	Berita Harian	Rujuk lampiran 5 atau klik pada tajuk berita
11.	<u>Pusat kitar semula sampah: Johor tolak tawaran pelabur China</u> Jimmy Puah berkata, kerajaan negeri melalui Jabatan Alam Sekitar (JAS) negeri juga akan menjalankan serbuan terhadap beberapa syarikat yang berselindung di bawah nama teknologi hijau bagi memastikan syarikat berkenaan benar-benar telus.	Sinar Harian	Klik pada tajuk berita
12.	<u>Malasia implementará planes para cumplir con el Acuerdo de París</u> El ministro de Energía, Tecnología, Ciencia, Cambio Climático y Medio Ambiente, Yeo Bee Yin, señaló que impulsarán planes y políticas para cumplir con los requisitos del convenio.	Prensa Latina	Klik pada tajuk berita

TEMPATAN

Bil	Berita	Media	Capaian Berita Penuh
13.	<u>Chance to discover science while shopping</u> For the second year in a row, Tech Dome Penang will be bringing the highly anticipated Magic of Science Roadshow to malls to allow shoppers to discover thewonders of science.	The Star	Klik pada tajuk berita
14.	<u>Use technology as engine of change, SMEs told</u> Small and medium enterprises (SMEs) should start changing their mindset. Instead of fearing technology, they should use it to their advantage, says Digi head of corporate and SME, business division Allie Tan Keng Keng.	The Star	Klik pada tajuk berita

15.	<u>PSM, UPM jalin kerjasama pelbagai bidang penyelidikan</u> Bidang teknologi inovasi dilihat mampu menyumbang kepakaran yang diperlukan negara, justeru mendorong UPM untuk terus komited memastikan kepakaran mereka dapat dikongsi bersama dengan berkesan serta memberi impak positif dalam membantu menyelesaikan masalah yang dihadapi oleh industri.	Utusan Malaysia	Rujuk lampiran 6
16.	<u>Dron rakam imej taburan karang</u> Biarpun perkembangan teknologi menyaksikan proses pemetaan karang beralih kepada penggunaan kapal terbang dan satelit untuk merakam imej, kaedah itu memberikan kesan gambar kurang jelas serta terhad disebabkan liputan awan tebal.	Berita Harian	Rujuk lampiran 7
17.	<u>Cipta papan seterika tahan lama</u> Ciptaan Che Wahab dari Kampung Bukit Sawa, ternyata bukan sahaja memenuhi permintaan isterinya, Sahabanu Hamzah, 56, masalah papan seterika itu turut mendapat sambutan mengalakkan daripada orang ramai.	Harian Metro	Rujuk lampiran 8
18.	<u>Do you know about milky way?</u> The Milky Way is a barred spiral galaxy with its nearest point to planet earth some 25,000 light years away.	The Star	Rujuk lampiran 9

ANTARABANGSA

Bil	Berita	Media	Capaian Berita Penuh
19.	<u>STEM program teaches teens robotic control</u> About 50 students learned various facets of coding, physics and the importance of working in teams to complete projects during a Science, Technology, Engineering and Mathematics (STEM) educational camp recently.	The Miami Times	Klik pada tajuk berita
20.	<u>Five of the scariest predictions about artificial intelligence</u> As AI comes increasingly closer to maturity, and businesses continue to ramp up investments in it, some worry that not enough attention is being paid to the broader social and moral implications of the technology. CNBC spoke with some experts to see what they think are the five scariest potential future scenarios for AI.	CNBC News	Klik pada tajuk berita
21.	<u>AI: Creating A Paradigm Shift In How We Work</u> We find ourselves in a very similar situation now, as artificial intelligence (AI) is becoming entrenched in different types of work. While it may seem like this latest revolution is different from the others because it is putting control in the hands of non-humans for the first time, this isn't entirely true -- there will always be the need for humans, but the nature of their work will evolve.	Forbes	Klik pada tajuk berita
22.	<u>Asia's first pre-profit biotech listing Ascleitis Pharma ends unchanged in debut trade</u> "Biotechnology firms and other innovative industry have a lot of room of development," Li said after attending the listing ceremony of Ascleitis on Wednesday morning.	South China Morning Post	Klik pada tajuk berita
23.	<u>New DHS cybersecurity command aims to protect U.S. from cyberattacks</u> In an effort to prevent and thwart cyberattacks, United States Department of Homeland Security (DHS) Secretary Kirstjen Nielsen announced the creation of a new National Risk Management	Digital Trends	Klik pada tajuk berita

	Center to help protect the nation's critical infrastructure.		
24.	<u>Making public financial management green is urgent</u> Bangladesh was ranked second to last in the 2018 Environmental Performance Index (EPI) by Yale and Columbia University that scores 180 countries on 24 performance indicators across ten categories.	The Daily Star	Klik pada tajuk berita
25.	<u>Surrounded by fire, California politicians question links to climate change</u> At a public meeting not far from the California town of Redding last year, the US congressman Doug LaMalfa said that he "didn't buy" human-made climate change.	The Guardian	Klik pada tajuk berita
26.	<u>Not using new e-waste collection service could harm environment, Hong Kong minister warns</u> Secretary for the Environment Wong Kam-sing issued the public reminder as a producer responsibility scheme covering air conditioners, refrigerators, washing machines, television sets, computers, printers, scanners and monitors entered into force on Wednesday.	South China Morning Post	Klik pada tajuk berita
27.	<u>Energy guarantee to drive slight renewables increase, but emissions will also rise</u> The Turnbull government's national energy guarantee will drive a slight increase in the share of renewables in the electricity market compared to a scenario where the policy isn't implemented.	The Guardian	Klik pada tajuk berita
28.	<u>Greens pressure Victoria to block national energy guarantee</u> The Greens are intensifying pressure on the Andrews government in Victoria to block the national energy guarantee, leafleting inner city seats ahead of a make or break meeting on the policy in just over a week.	The Guardian	Klik pada tajuk berita
29.	<u>Nuclear Plant Closures Show Why, When It Comes To Energy, Small Is Expensive</u>	Forbes	

	If all of the announced nuclear closures go forward, the total number of operating nuclear reactors in the United States will decline precipitously — from 99 to 89 — by 2025.		Klik pada tajuk berita
30.	<u>Domestication of space technology will address insecurity challenges – Buratai</u> “Space technology plays a vital role in tackling these challenges. The Nigerian Army use space as the ultimate background design strategies for tackling insecurity, which means that spaced technology has a multiplier effect.	Vanguard	Klik pada tajuk berita
31.	<u>Mars gets closest to Earth in 15 years</u> Earth’s neighbouring planet, Mars, is closer than it has been in the past 15 years, offering unusually bright views of the Red Planet’s auburn hues.	Malay Mail	Rujuk lampiran 10
32.	<u>Tech firms set to win bank charters</u> Financial technology (fintech) companies will permitted to seek approval to compete directly with traditional lenders under changes outlined by the agency that oversees national banks.	The Star	Rujuk lampiran 11
33.	<u>Struggling to win consumer trust</u> While radiation affected several regions which have their own testing processes, Fukushima’s programme is the most systematic, testament to the particularly severe reputational damage is suffered.	The Star	Rujuk lampiran 12
34.	<u>Panduan cuaca elektronik bantu jemaah haji</u> Pihak berkuasa umum Arab Saudi untuk Perlindungan Alam Sekitar dan Meteorologi menerbitkan satu panduan elektronik kepada jemaah haji dilengkapi nasihat berkaitan cuaca dana lam sekitar.	Berita Harian	Rujuk lampiran 13

Shake-up in government funds

This comes after many of the funds are not able to meet obligations

By TOH KAR INN

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PETALING JAYA: The government is likely to reorganise the various funds that were set up to venture into businesses related to the new economy, following their below par performance.

This came about after it was discovered that some of the funds were not able to pay back the amounts due to the government, even after

many years of restructuring efforts.

For instance, the oldest of the funds, **Malaysia Venture Capital Management Bhd (Mavcap)**, is unable to pay the government an outstanding of RM112.7mil that is due from the allocation made during the 8th Malaysia Plan, which ran from 2001 to 2005.

Another RM314.5mil from the 9th Malaysia Plan loan is due in January next year, of which Mavcap is unable to meet.

According to a source, Mavcap had proposed to repay the RM112.7mil using the balance RM163.6mil from the 9th Malaysia Plan loan account.

"Following the full payment of the 8th Malaysia Plan loan, the shortfall was required to be recovered through obtaining a lump sum of RM55mil from the 11th Malaysia Plan allocation."

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Mavcap has invested in a number of successful companies

> FROM PAGE 1

tion. "In addition, Mavcap intended to apply to the Ministry of Finance for a new allocation of RM100mil under the 2019 Budget measures," he said.

Mavcap was first established in 2001, following the rise of Silicon Valley as a hub for technology innovation and development.

The fund was mandated with the objective of developing Malaysia's venture capital ecosystem in support of start-ups and

entrepreneurs.

Mavcap was provided with a RM450mil loan under the 8th Malaysia Plan, which was due to be paid back to the government in 2011.

Since its inception, Mavcap has invested in a number of successful companies such as Kelington Group, Qualitas Medical Group Ltd, LNG Resources Bhd, Grab, Jobstreet Corp, and Rev Asia.

Sources said that Mavcap was only one of the many funds where millions were allocated.

There are many others that are

unable to meet their obligations and they were all previously under Ministry of Finance Inc (MoF).

Towards this end, the government has now placed many of the funds under the Energy, Science, Technology, Environment and Climate Change Ministry, led by Yeo Bee Yin.

To name a few, these funds are Mavcap, Malaysia Debt Ventures Bhd (MDV), Malaysia Industry-Government Group for High Technology (Might), Cradle Fund Sdn Bhd and Malaysian Green Technology Corp (MGTC).

"Malaysian Global Innovation & Creativity Centre (MaGIC) is one of the funds under review to gauge its relevance," a source said.

MaGIC was established to enable an entrepreneurial ecosystem to accelerate the formation and growth of start-ups.

In June, Finance Minister Lim Guan Eng was quoted as saying that MaGIC had a role to play in the Malaysian economy as it seeks out future productivity centres to help the country.

Productivity centres is where new sources of revenue can be

found, capitalising on the creativity and innovation from the nation's talent pool.

Meanwhile, it was reported that since its inception in 2002, MDV had disbursed more than RM11bil in financing to about 700 technology companies as of March this year.

Cradle Fund, established to fund potential and high-calibre tech start-ups through its Cradle Investment Programme, has received about RM150mil in grants, a quarter of which was used for operating expenditure, with the rest for investment.

MTDC sasar 50 syarikat capai Industri 4.0

Perbadanan Pembangunan Teknologi Malaysia (MTDC) menyasarkan 50 syarikat tempatan berjaya mencapai standard Industri 4.0, iaitu penggunaan automasi dan teknologi maju di Malaysia menjelang tahun hadapan.

Ketua Pegawai Eksekutif MTDC, Datuk Norhalim Yunus, berkata sasaran terbabit boleh dicapai untuk peringkat permulaan kerana pada masa ini ada 24 syarikat berkembang dan dilabel dengan standard Industri 4.0.

"Banyak perusahaan kecil dan sederhana (PKS) masih dalam Industri 3.0 atau lebih rendah, di mana banyak operasi mereka masih manual atau bergantung pada mesin yang diimport dari negara lain dan berhadapan dengan perbelanjaan yang tinggi.

"Kebanyakan PKS mempunyai produktiviti yang tinggi, tetapi rendah dalam aspek kecekapan," katanya ketika berucap dalam program jelajah tahunan 'Road2Growth' ke-4 di Seberang Perai, semalam.

Beliau berkata, untuk PKS kekal relevan dan berkembang maju di pasaran, mereka perlu mengadaptasi dan menyesuaikan diri dengan kehadiran Industri 4.0 di Malaysia.

"Industri 4.0 bukan sahaja mewujudkan lebih banyak peluang pekerjaan untuk penduduk tempatan, menghapuskan pembaziran, mengurangkan kos, meningkatkan kecekapan, tetapi juga meningkatkan asas pelanggan dan berjaya berhadapan persaingan," katanya.

Norhalim berkata, PKS dengan kemajuan teknologi berterusan berpeluang besar untuk bersaing di pasaran ASEAN, terutama selepas 10 tahun.

Beliau turut mencadangkan PKS bekerjasama dengan penyelidik di universiti kerana banyak PKS tidak mempunyai kapasiti untuk pembangunan teknologi.

Katanya, dua isu utama kurangnya kerjasama antara PKS dan institusi adalah kerana faktor istilah bahasa dan perbezaan latar belakang kedua-dua pihak.

"Isu ini akan dapat diselesaikan dengan mudah melalui perantara yang berupaya memperhebatkan hubungan dengan universiti, asalkan PKS memiliki kemahuan tinggi untuk berkolaborasi dan mengembangkan industri mereka," katanya.

BERNAMA

Kilang kitar semula terus beroperasi walaupun AP sisa plastik dihentikan

Penduduk Kuala Langat tuntutan janji

Oleh IKHWAN IDERIS

KUALA LUMPUR – Arahan kerajaan supaya pihak berkuasa tempatan (PBT) menutup semua kilang memproses sisa plastik di Kuala Langat, Selangor ibarat masuk telinga kanan, keluar telinga kiri.

Kilang-kilang tersebut masih beroperasi seperti tidak putus stok sisa plastik walaupun Permit Lesen Import (AP) barang buangan tersebut sudah dihentikan kerajaan.

Hanya yang berbeza ialah selepas heboh isu kilang memproses sisa plastik mengancam kesihatan 300,000 penduduk di daerah itu, kilang-kilang tersebut kini hanya melakukan operasinya pada waktu malam iaitu sekitar pukul 9 malam sehingga pukul 8 pagi.

Difahamkan masih terdapat kira-kira 30 buah kilang beroperasi seperti biasa di Kuala Langat di sebalik kegusaran dan rungutan penduduk yang bimbang dengan masalah pencemaran udara dan risiko kesihatan.

Satu sumber yang enggan dinamakan memberitahu, dia yang keluar membuat tinjauan secara peribadi di beberapa buah kilang kitar semula di Telok Panglima Garang dan Jenjarom pada Isnin lalu mendapati kilang-kilang tersebut terus beroperasi seperti biasa tetapi beralih kepada waktu malam.

"Pada waktu siang kebanyakan kilang nampak kosong dan tiada orang. Menjelang waktu malam kilang-kilang tersebut aktif dengan cerobong mengeluarkan asap keputihan berbau plastik," kata sumber itu ketika dihubungi semalam.

Menurut beliau, pada 25 Julai lalu, pihak berkuasa hanya menyerbu enam buah kilang kitar semula bersaiz kecil tetapi kilang-kilang bersaiz besar tidak 'diganggu' manakala AP sisa plastik pula dihentikan serta-merta pada hari sama.



JETI persendirian di Sungai Langat, Telok Panglima Garang disyaki membawa masuk stok sisa barang buangan ke Kuala Langat.

Permit import sisa plastik dibeku serta-merta

Kilang-kilang kitar semula KEMENTERIAN Perumahan dan Kerajaan Tempatan menghentikan pemrosesan barang buangan import (AP) sisa plastik secara serta-merta.

KERATAN Kosmo! 25 Julai 2018.

Menteri janji Malaysia tidak akan jadi tong sampah dunia

KERAJAAN memberi jaminan Malaysia tidak akan menjadi 'tong sampah' dunia walaupun negara kini menjadi pengimport terbesar sisa plastik dari United Kingdom (UK) dan beberapa negara maju lain. Menteri Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar, Yeo Bee Yin berkata, kerajaan akan memastikan AP barang tersebut telah dihentikan, katanya.

Semalam Kosmo! melaporkan Menteri Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar, Yeo Bee Yin dalam sidang Dewan Rakyat berkata, kerajaan telah memperkenalkan prosedur operasi standard (SOP) dengan kriteria baharu bagi permohonan AP sisa plastik selepas kerajaan membatalkan

"Operasi kilang-kilang tersebut turut menimbulkan kehairanan dari mana mereka mendapat stok sisa plastik sedangkan seluruh pelabuhan atau jeti tidak dibenarkan membawa masuk sisa plastik selepas kerajaan mengumumkan AP barang tersebut telah dihentikan," katanya.

Semalam Kosmo! melaporkan Menteri Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar, Yeo Bee Yin dalam sidang Dewan Rakyat berkata, kerajaan telah memperkenalkan prosedur operasi standard (SOP) dengan kriteria baharu bagi permohonan AP sisa plastik selepas kerajaan membatalkan

114 AP barang tersebut secara serta-merta pada 25 Julai lalu.

Ekoran isu kilang kitar semula yang meletakkan penduduk dalam risiko untuk menghidap kanser, beberapa pihak termasuk PBT telah membuat serbuan ke atas enam buah kilang pada 24 Julai lalu dan mengesan daerah tersebut mempunyai 35 buah kilang dengan hanya tiga buah mempunyai lesen.

Mengulas lanjut, sumber itu memberitahu, tindakan seperti hangat-hangat tahi ayam PBT selepas menerima arahan kerajaan itu secara tidak langsung mengecewakan kira-kira 300,000 penduduk Kuala Langat



SEBUAH kilang kitar semula sisa plastik di Telok Panglima Garang, Kuala Langat yang beroperasi pada malam Isnin lalu.

yang mengharapkan nasib mereka dibela.

"Penduduk Kuala Langat juga hairan kenapa PBT dan kerajaan tidak mampu menghentikan serta-merta operasi kilang kitar semula yang difahamkan kebanyakannya beroperasi secara haram," katanya.

Jelasnya, seperti sebelum ini, penduduk Kuala Langat terutama yang mendiami rumah-rumah di Jenjarom dan Telok Panglima Garang yang terletak berhampiran kilang terpaksa memakai topeng muka bagi mengelakkan mereka berdepan masalah kesihatan.

"Penduduk mendakwa, akibat operasi kilang kitar semula itu juga banyak klinik di Kuala Langat mendapat keuntungan kerana ramai pesakit yang terjejas akibat pencemaran udara yang berlarutan sejak dua tahun lalu," katanya.

Sementara itu, satu sumber lain berkata, banyak pihak di daerah tersebut juga mengesyaki kilang-kilang kitar semula di Kuala Langat mampu beroperasi semula selepas menerima stok sisa plastik dari serata dunia menerusi jeti-jeti persendirian di Sungai Langat walaupun kerajaan menghentikan AP import sisa plastik.

"Tinjauan kami mendapati ada kelibat individu yang dipercayai pekerja kilang plastik mundar-mandir di dua buah jeti persendi-

rian di Telok Panglima Garang beberapa hari lalu," katanya.

Jelas sumber itu, pihaknya tidak berani untuk bertanya kerana bimbang keselamatan, sebaliknya hanya memantau dari jauh.

INFO

Kronologi kes kilang kitar semula plastik

● **23 Julai 2018** – Daerah Kuala Langat, Selangor menjadi lokasi tumpuan berpuluh kilang kitar semula memproses sisa plastik yang diimport dari seluruh dunia yang dipercayai mengancam kesihatan kira-kira 300,000 penduduknya

● **24 Julai 2018** – Kerajaan memberi arahan agar pihak berkuasa tempatan menghentikan operasi semua kilang memproses sisa plastik di Kuala Langat bermula pada 23 Julai 2018

● **25 Julai 2018** – Kementerian Perumahan dan Kerajaan Tempatan menghentikan pengeluaran permit lesen import (AP) sisa plastik kepada 114 syarikat dan kilang di seluruh negara untuk tempoh tiga bulan berkuat kuasa 24 Julai 2018

● **26 Julai 2018** – Kementerian Tenaga, Teknologi, Sains, Perubahan Iklim dan Alam Sekitar memberi jaminan Malaysia tidak akan menjadi 'tong sampah' dunia walaupun negara ini menjadi pengimport terbesar sisa plastik dari United Kingdom dan beberapa negara maju lain

LAMPIRAN 4
MALAY MAIL (TOP NEWS): MUKA SURAT 4
TARIKH: 2 OGOS 2018 (KHAMIS)

Cradle Fund wants more private participation in start-ups

KUALA LUMPUR — The private sector must engage more with start-up influencer Cradle Fund to encourage the start-up ecosystem here, said Razif Abdul Aziz.

The acting chief executive of Cradle Fund said the days of solely relying on government funding to spearhead the start-up community were numbered.

"We have offered suggestions and we are considering how we can get more private funds into the space," he said when addressing the media after meeting with the Council of Eminent Persons yesterday.

"I think the days where the government pumps money in large amounts into the fund are numbered.

"We must be able to show returns and benefits to investors. The government needs to capitalise on the space and attract interest from private sources like private funds, corporates and companies because they're the ones that will be going to make the money and benefit when participating in this."

He said this was in line with the fact that government funding is steadily decreasing in the annual Budget.

The government's role in the sector should be to act as a catalyst in the beginning of the collaborations, while projects have to be attractive for private investors to remain interested, he added.

"To make certain things attractive to the private sector is our focus. Over the last six years, there's been a robust amount of private funds coming in which suggests their interest."

Razif added Cradle is looking to finance up to 30 start-up companies.

"The main takeaway is that business continues as usual for Cradle.

"We've been around for 15 years and people know us. I don't see any reason for the market to be concerned."

He said the council supports Cradle and the start-up ecosystem, adding concerns of its relevance in the years to come could be put to rest.

"The council made it very clear that they will continue to support this space so they should not be concerned, start-up companies can expect us to remain in business," he said, adding during the meeting, one council member suggested the government's enthusiasm in retaining the fund.

Cradle Fund sasar pelaburan lebih 30 firma pemula niaga

→ Sesi taklimat bersama MPK dapat reaksi positif, syarikat komited laksana tugas

Oleh Nabil Basaruddin
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Cradle Fund Sdn Bhd (Cradle Fund) menyasarkan untuk melabur dalam lebih 30 syarikat pemula niaga atau 'startup' menjelang hujung tahun ini. Pemangku Ketua Pegawai Eksekutifnya, Razif Abdul Aziz, berkata

jika Cradle Fund berpeluang untuk mendapatkan sumber dana yang lebih besar, lebih banyak syarikat pemula niaga dapat diwujudkan.

Beliau berkata, Cradle Fund berada dalam industri sejak 15 tahun lalu dan terus menjadi perhatian daripada mereka yang berminat membina syarikat pemula niaga.

"Sekiranya berlaku sesuatu dalam pasaran, operasi Cradle Fund masih seperti biasa dan tiada apa-apa yang dapat mengubah apa yang kami fokuskan.

"Kami juga optimis untuk melabur dalam lebih 30 syarikat pemula niaga tempatan pada tahun ini. Malah, sesi taklimat bersama Majlis Penasihat Kerajaan (MPK) mendapat reaksi positif apabila mereka menyatakan sokongan dan kami komited dalam melaksanakan tugas ini," katanya ketika ditemui selepas pertemuan bersama

MPK di Kuala Lumpur, semalam.

Wujud 80,600 peluang kerja

Cradle Fund menyumbang RM3.5 bilion kepada Keluaran Dalam Negara Kasar (KDNGK) untuk tempoh 2008 hingga 2016 selain mewujudkan 80,600 pekerjaan sepenuh masa pada tempoh sama.

Sejak diperkenalkan pada 2003, ia membantu lebih 800 individu dan syarikat permulaan tempatan selain mencatat kadar pengkomersialan tertinggi dalam kalangan geran yang diberikan kerajaan.

Razif berkata, pihaknya juga berharap sektor swasta akan turut mengambil bahagian dan melabur dalam ekosistem syarikat pemula niaga memandangkan dana yang diterima daripada kerajaan semakin berkurangan.

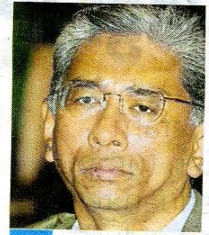
Menurutnya, bajet tahunan yang diberikan juga semakin berkura-

ngan namun pihaknya menjangkakan senario itu akan berlaku.

"Kerajaan hanya menjadi pemangkin kepada permulaan bagi dana ini dan sudah tiba masanya sektor swasta dan korporat untuk mengambil peranan ini dan menyuntik dana bagi menyokong sektor ini," katanya.

Mengulas lanjut, katanya, dana swasta menunjukkan prestasi aliran masuk yang stabil dalam tempoh enam tahun ini berikutan minat terhadap syarikat pemula tempatan.

"Dana swasta datang dari rantau ini dan secara jelas mereka meninjau syarikat pemula Malaysia yang berpotensi tinggi. Jadi, kami percaya Cradle Fund dapat menarik kehadiran dua kali ganda atau lebih lagi dana swasta ini berbanding dengan apa yang dimiliki ketika ini," katanya.



Dana swasta datang dari rantau ini dan secara jelas mereka meninjau syarikat pemula Malaysia yang berpotensi tinggi. Jadi, kami percaya Cradle Fund dapat menarik kehadiran dua kali ganda atau lebih lagi dana swasta ini berbanding dengan apa yang dimiliki ketika ini"

Razif Abdul Aziz,
Pemangku Ketua Pegawai
Eksekutif Cradle Fund

LAMPIRAN 6
UTUSAN MALAYSIA (MEGA SAINS): MUKA SURAT 16
TARIKH: 2 OGOS 2018 (KHAMIS)

PSM, UPM jalin kerjasama pelbagai bidang penyelidikan

PSM dan UPM baru-baru ini menjalin kerjasama dalam pelbagai bidang seperti penyelidikan, perkongsian kepakaran dan latihan merangkumi aspek pertanian, reka bentuk, perhutanan dan hortikultur yang bakal diterokai serta memberi manfaat.

Ketua Pegawai Eksekutif PSM, **Azman Fahmi Osman** berkata, kerjasama strategik antara universiti dan agensi luar seperti PSM merupakan amalan yang banyak dilakukan oleh universiti di luar negara dalam mereka bentuk kemudahan sukan

terancang dan sebagainya.

Tambahnya, PSM memilih untuk bekerjasama dengan UPM selepas mengambil kira latar belakang universiti berkenaan yang merupakan sebuah universiti tertua dalam bidang pertanian yang diperakui kredibiliti dan kepakaran dalam bidang pertanian serta hortikultur.

"Ini merupakan salah satu langkah bagi memastikan rumput, landskap dan perkota yang berkaitan hortikultur sentiasa dalam keadaan baik setaraf kemudahan antarabangsa

yang disediakan di Kuala Lumpur Sport City.

"Usaha sama ini juga membolehkan kajian dibuat untuk meningkatkan kualiti, ketahanan dan pemulihan bagi rumput di Stadium Nasional Bukit Jalil. Selain itu, PSM juga akan dijadikan lokasi untuk kajian akademik dan penempatan latihan industri untuk pelajar UPM," jelasnya.

Kerjasama itu dilihat membolehkan perkongsian kepakaran bagi meningkatkan kualiti perkhidmatan antara PSM dan UPM selain memantap dan

memartabatkan pengurusan kemudahan sukan PSM.

Pada peringkat permulaan, kerjasama akan berjalan untuk tempoh lima tahun.

Sementara itu, Naib Canselor UPM, **Prof. Datin Paduka Dr. Aini Ideris** berkata, kerjasama yang dijalankan antara dua organisasi itu merupakan penggalak dan pendorong untuk meningkatkan kerjasama yang sedia terjalin sejak 10 tahun lalu.

Katanya, bidang teknologi inovasi dilihat mampu menyumbang kepakaran yang diperlukan negara, justeru

mendorong UPM untuk terus komited memastikan kepakaran mereka dapat dikongsi bersama dengan berkesan serta memberi impak positif dalam membantu menyelesaikan masalah yang dihadapi oleh industri.

"Sebelum ini pakar-pakar UPM terlibat dalam memberi khidmat nasihat kepada PSM berkaitan kaedah mengendalikan rumput. Jika dilihat rumput di tengah padang itu merupakan hasil perbincangan bersama selepas beberapa penyelidikan dan kajian dibuat.

"Pencapaian di stadium ini berbeza dan memerlukan spesies rumput yang sesuai dengan keadaan dan pakar kami telah menjumpai jenis rumput yang sesuai untuk keperluan pelbagai jenis sukan di stadium," jelasnya.

Dalam pada itu, UPM akan terus menjalin kerjasama dengan pihak PSM dari segi pendidikan, pembelajaran kepada membolehkan pelajar menjalani latihan industri serta menjadi sukarela dalam sebaran aktiviti yang di adakan di stadium berkenaan.

Dron rakam imej taburan karang

➔ Berupaya memberi gambaran kedudukan dan imej karang secara lengkap

Oleh Faizatul Farhana Farush Khan
ffarhana@bh.com.my

► Kuala Lumpur

Penggunaan kaedah pemetaan tradisional melalui aktiviti menyelam skuba bagi mengenalpasti kedudukan taburan karang dan memperbaiki keadaan organisma laut itu seringkali berdepan kesukaran, ekoran keadaan laut tidak menentu.

Biarpun perkembangan teknologi menyaksikan proses pemetaan karang beralih kepada penggunaan kapal terbang dan satelit untuk merakam imej, kaedah itu memberikan kesan gambar kurang jelas serta terhad disebabkan liputan awan tebal.

Menyedari permasalahan itu, sekumpulan penyelidik dari Universiti Malaysia Terengganu (UMT), membangunkan metodologi baharu bagi mengatasi kesukaran pemetaan taburan karang dengan menggunakan dron untuk rakaman imej.

Kumpulan itu terdiri daripada Pengarah Institut Oseanografi dan Sekitaran (INOS), Prof Madya Dr Aidy@Mohamed Shawal M Muslim; Pensyarah Pusat Pengajian Sains Marin dan Sekitaran, Dr Idham Khalil dan Ketua Program Penyelidikan Ekologi Marin INOS, Prof Madya Dr Zainudin Bachok.

Ikut kesesuaian

Prof Madya Aidy berkata, metodologi baharu itu mula digunakan pada tahun lalu melalui kerjasama UMT dan Jabatan Taman Laut Malaysia yang menyaksikan pemetaan taburan karang dijalankan di Taman Laut Labuan.

"Dron ini bukan sahaja mampu memberi gambaran kedudukan dan imej karang secara lengkap kerana dilengkapi lima sensor khas, tetapi juga menjimatkan masa pemantauan karang dan membolehkan usaha pemuliharaan dijalankan



Prof Madya Aidy (tengah) dan kumpulan penyelidik menunjukkan dron yang digunakan bagi menjalankan pemetaan taburan karang.

segera.

"Lebih mengujakan, kami mendapati penggunaan dron mampu membezakan bentuk karang hidup, seperti *branching coral*, *massive coral*, *tabular coral* dan *aggregated coral patch*," katanya.

Berkongsi cabaran menggunakan metodologi itu, Prof Madya Aidy berkata, kumpulan penyelidik itu menyediakan prosedur operasi standard bagi

memastikan dron boleh diterbangkan mengikut kesesuaian keadaan.

"Cabaran utama adalah bagaimana kita boleh menggabungkan ribuan gambar yang dirakam dron untuk mendapatkan imej terbaik dan paling jelas di kawasan disasarkan.

"Bagi usaha ini, kita perlu menerbangkan dron mengikut keadaan cuaca, waktu, ketinggian, kelajuan dan laluan yang paling sesuai" katanya.



Imej dirakam drone di sebuah pulau.

LAMPIRAN 8
HARIAN METRO (SETEMPAT): MUKA SURAT 70
TARIKH: 2 OGOS 2018 (KHAMIS)



CHE Wahab bersama anaknya, Mohd Nur menunjukkan papan seterika yang siap untuk dijual.

Cipta papan seterika tahan lama

Marang: Simpati dengan masalah isteri yang sering merungut kerana papan seterika dibeli selalu patah mendorong Che Wahab Che Ahmad, 61, mencipta papan seterika kayu yang tahan lebih lama.

Ciptaan Che Wahab dari Kampung Bukit Sawa, ternyata bukan sahaja memenuhi permintaan isterinya, Sahabanu Hamzah, 56, malah papan seterika itu turut mendapat sambutan menggalakkan daripada orang ramai.

"Saya tidak sangka, ciptaan pertama saya itu mendapat respon positif daripada isteri

apabila dia tidak lagi merungut mengenainya, malah anak dan saudara terdekat yang melihat ketahanan papan itu juga berkenan.

"Pada peringkat permulaan, saya menghadiahkan papan seterika kayu itu kepada semua anak dan saudara terdekat dan mereka berpuas hati sebelum dicadangkan menjual papan seterika kayu itu kepada orang ramai.

"Percubaan pertama anak, Mohd Nur Solihin, 25, mempromosikannya melalui laman sosial sangat mengejutkan apabila menerima 30 tempahan seminggu dan ia

berlarutan sehingga enam bulan," katanya.

Tambahnya, dia dan anaknya menjalankan perniagaan membuat dan menjual papan seterika itu sejak dua tahun lalu dan kini, secara purata menerima 80 tempahan sebulan.

"Dua puluh papan seterika disiapkan dalam masa seminggu tetapi tempahan yang dibuat pelanggan akan dipenuhi selewat-lewatnya dua minggu dari tarikh tempahan dibuat bagi memastikan setiap unit papan seterika itu menepati piawaian ditetapkan," katanya.

LAMPIRAN 9
THE STAR (VIEWS): MUKA SURAT 28
TARIKH: 2 OGOS 2018 (KHAMIS)

Do you know ...

about Milky Way?



> The Milky Way is a barred spiral galaxy with its nearest point to planet earth some 25,000 light years away.



> The galaxy is 120,000 light years from edge to edge and has a central bulge. Its diameter would take about 12,000 light years to cross. (one light year is about 9 trillion km).

> It has more than 200 billion stars and is filled with dust and gas. Milky Way is about 13.7 billion years old.



> It churns out seven new stars yearly and has a Black Hole at its centre.

> More than half the stars in the Milky Way are older than the 4.5-billion-year-old sun.

> The Milky Way, along with everything else in the universe, is moving through space at 2.2 million km/h.



> The most common stars in the galaxy are red dwarfs, a cool star about a tenth the mass of the sun.

> The Milky Way has grown by merging with other galaxies over time. It is currently acquiring stars from a very small galaxy called the Sagittarius Dwarf Spheroidal, as well as gobbling up material from the Magellanic Clouds.



Mars gets closest to Earth in 15 years

LOS ANGELES — Earth's neighbouring planet, Mars, is closer than it has been in the past 15 years, offering unusually bright views of the Red Planet's auburn hues. "The Red Planet and Earth haven't been this close since 2003, and won't be again until 2035," NASA said. Astronomers around the world trained their telescopes on the sky on July 31, when the Red Planet was 57.6 million km away. One popular public viewing spot was the Griffith Observatory in Los Angeles, where Mars was visible with the naked eye as a bright orange spot in the sky, according to a live broadcast held to mark the celestial event. "Mars is invading us tonight," said observatory director Ed Krupp. The nearest point to Earth in Mars' elliptical orbit came at around 1100 GMT on Tuesday, NASA said. — AFP

Tech firms set to win bank charters

By JESSE HAMILTON

WASHINGTON: Financial technology (fintech) companies will be permitted to seek approval to compete directly with traditional lenders under changes outlined by the agency that oversees national banks.

The announcement by the office of the comptroller of the currency (OCC) that technology firms can apply for special-purpose charters came hours after the Treasury Department released a report urging such a step.

Despite opposition from the banking industry and state regulators, comptroller Joseph Otting is finishing work started during the Obama administration to find a limited status for firms that don't operate like traditional banks.

Such companies – including marketplace lenders, payments firms and potentially those dealing in cryptocurrencies – would have to clear regulatory hurdles to get a charter that would bypass the need for state-by-state regulation.

The effort to fold fintech firms into more traditional oversight has become increasingly urgent as newcomers such as Stripe Inc, Social Finance Inc and LendingClub Corp have made inroads into the wider financial system.

“Providing a path for fintech companies to become national banks can make the federal banking system stronger by promoting economic growth and opportunity, modernisation and innovation and competition,” Otting said in a statement, adding that such a system will give customers more choices.

Though the OCC is an independent agency that doesn't take orders from Treasury, it has sought to follow regulatory recommendations from President Donald Trump's administration – including its urging on fintech firms. Otting and treasury secretary Steven Mnuchin worked together as bankers before Trump tapped them for positions in government.

The idea to bring financial technology companies into banking began under former OCC head Thomas Curry in 2016, and it was met with lawsuits, including one from the Conference of State Bank Supervisors. That suit was dismissed in federal court because

OCC unveils new policies for fintech companies to become lenders



Game changer: Participants at the Stripe booth during the GeekWire Cloud Tech Summit held in Bellevue, Washington recently. The company has made inroads into the wider financial system. — Bloomberg

the OCC hadn't yet set up its chartering policy. New York's chief financial regulator has said she would challenge special charters if the OCC moved forward.

The Independent Community Bankers of America, a Washington-based lobby group, has said it has “serious concerns” with the OCC allowing fintech companies into banking – especially without Congress giving it specific power to do so. ICBA has expressed fear that marketplace lenders wouldn't face the same regulatory requirements, giving them an advantage.

Fintech and cryptocurrency firms have already been talking with OCC officials about

the possibility of charters, and Otting has repeatedly said that most seemed to find the regulatory demands overly daunting. He's said he expects to see many of the firms instead partnering with existing banks.

The OCC said Tuesday that fintech applicants “will be supervised like similarly situated national banks, to include capital, liquidity, and financial inclusion commitments as appropriate,” and they'll face an initial “heightened supervision” like any other new bank. Each application will be open for public comment, and the agency will try to make a decision within 120 days.

Though the regulator underlined its author-

ity to grant charters to special-purpose banks that engage in “one of the core banking functions,” such as lending money or paying checks, consumer groups and state regulators quickly came out against the charters.

Train wreck

“An OCC fintech charter is a regulatory train wreck in the making,” said John W. Ryan, president of the state regulators' group that brought that previous legal challenge. The state officials “are keeping all options open to stop this regulatory overreach,” he said in the emailed statement.

The Electronic Transaction Association, in a statement from chief executive officer Jason Oxman, praised the OCC for bringing clarity to the industry by setting up a “consistent and uniform regulatory framework for fintech companies.”

Treasury earlier in the day issued a long-awaited report that urged the bank regulator to approve “prudent and carefully considered applications for special-purpose national bank charters,” as long as the firms don't have federally insured deposits or an undue advantage over “banks that have operated within the existing regulatory system for years.”

The lengthy report also recommended the creation of “sandboxes” to let fintech businesses safely try new ideas under the eye of regulators, and it said the Consumer Financial Protection Bureau's payday lending rules should be withdrawn and other banking agencies should clear a path for traditional lenders to make more short-term, small-scale loans.

Before Otting's confirmation last year, when the OCC was under the temporary leadership of banking lawyer Keith Noreika, the agency drew attention for Noreika's remarks that the longstanding separations of commerce and banking might be growing obsolete. Though that debate raised the possibility of such retail giants as Amazon.com taking over swaths of the financial system, Tuesday's OCC policy announcement clarified that it “does not alter existing barriers separating banking and commerce.” — Bloomberg

Struggling to win consumer trust

Farmers still face suspicion despite tests finding no radioactive threat from Fukushima food

KORIYAMA (Japan): The pumpkin is diced, the chicken carved and the eggs beaten into an omelette, but the people preparing the food are not chefs – they are scientists testing produce from Japan's Fukushima region.

Seven years after the March 2011 nuclear disaster caused by a devastating tsunami, rigorous testing shows no radioactive threat from Fukushima's produce, officials and experts say.

But local producers say they still face crippling suspicion from consumers.

More than 205,000 food items have been tested at the Fukushima Agricultural Technology Centre since March 2011, with Japan setting a standard of no more than 100 becquerels of radioactivity per kilogramme (Bq/kg).

The European Union, by comparison, sets that level at 1,250 Bq/kg and the United States at 1,200.

In the last year, the centre says no cultivated produce or farm-reared livestock has exceeded the government's limit.

In all just nine samples out of tens of thousands were over the limit: eight from fish bred in inland ponds, and one a sample of wild mushrooms.

Each day, more than 150 samples are prepared, coded, weighed, and then passed through a "germanium semiconductor detector". Rice undergoes screening elsewhere.

While radiation affected several regions which have their own testing processes, Fukushima's programme is the most systematic, testament to the particularly severe reputational damage it suffered.

In the wake of the nuclear disaster, a wide-scale decontamination programme has been carried out in Fukushima.

It can't be done in forests, where thick tree growth makes it impractical. But elsewhere, topsoil has been removed, trees washed down and potassium sprinkled to reduce caesium uptake.

But the testing process is the cornerstone of efforts to win consumer trust.

"Some people are still worried, in Japan



Safety check: Onahama Port employees preparing seafood for radiation tests in Iwaki. — AFP

and abroad, so we want to continue to explain to people in other prefectures and in foreign countries that our products are safe," said Kenji Kusano, an official at the testing centre.

And occasionally, radioactivity is detected, for example in wild plants and mushrooms, which are destroyed if they exceed the government standard.

Kusano said testing will remain important as residents gradually return.

"When residents come back to areas that are off-limits at the moment and start producing their own fruit and vegetables, they must be tested," he said.

The Fukushima disaster devastated a previously flourishing local agricultural sector.

"Profits have not yet reached pre-2011 levels and prices remain below the national

average," said Fukushima representative Nobuhide Takahashi.

The situation is even worse for fishermen, many of whom have survived only on compensation paid by Fukushima operator Tepco.

The tsunami destroyed ports across the region and demand is low despite an even stricter testing standard of 50 Bq/kg for Fukushima's seafood.

"When we catch fish and send it to markets in Tokyo, some people don't want to buy it," said Kazunori Yoshida, director of Iwaki's fishing cooperative.

As a result, fishermen brought in just 3,200 tonnes of seafood in the area last year, down from 24,700 in 2010.

The problem remains one of perception, despite the fact that independent testing con-

firms what government labs show.

The Minna no Data (Our Data) NGO carries out its own testing and spokesman Hidetake Ishimaru said the group was "very surprised" by the "mostly very low levels" it found in Fukushima produce.

At the international level, there has been some progress: 27 countries of the 54 that imposed restrictions on food from Fukushima after 2011 have now lifted those bans.

And another 23 markets, including the United States and European Union, have relaxed restrictions, though some regional neighbours, including China and South Korea, have kept bans in place.

The perception problem persists domestically, too, with surveys showing some Japanese consumers still avoid Fukushima produce. And experts say the government's science-based approach has done little to convince people.

"Nobody believes, just by shouting safety," said Katsumi Shozugawa, a University of Tokyo professor who has studied Fukushima food safety.

He said government testing was appropriate but attempts to convince consumers remained "poor".

Tomiko Yamaguchi, sociology professor at Tokyo's International Christian University, said some consumers were torn between fear over Fukushima produce and solidarity with residents there.

"People can't talk about these things. It's almost like a taboo," she said.

"But regardless ... if you are very concerned for your children, it doesn't matter if there's scientific evidence or not."

On a farm in Fukushima where peaches hang ready to be picked, 14th generation farmer Chusaku Anzai said he was resigned to the situation.

"There's no point wasting our energy trying to convince those who don't want our products," the 69-year-old said, his face worn by five decades of farmwork.

"We can't do anything but wait for them to change their minds." — AFP

Panduan cuaca elektronik bantu jemaah haji

Jeddah: Pihak berkuasa Umum Arab Saudi untuk Perlindungan Alam Sekitar dan Meteorologi menerbitkan satu panduan elektronik kepada jemaah haji dilengkapi nasihat berkaitan cuaca dan alam sekitar.

Panduan itu boleh didapati dalam tiga bahasa iaitu Arab, Inggeris dan Urdu bertujuan

menyalurkan maklumat kepada majoriti jemaah.

Portal *Arab News* melaporkan, panduan itu diterbitkan sejajar perasmian pusat media di Balai Pencerapan Mina oleh Menteri Alam Sekitar, Air dan Pertanian, Abdulrahman Abdulmohsen Al-Fadhli.

Sementara itu, Kementerian

Kesihatan berkata, setakat ini tiada kes penyakit epidemik atau memerlukan kuarantin di kalangan jemaah.

Kementerian berkata, tumpuan utama mereka adalah operasi pencegahan penyakit dan mengikuti perkembangan kesihatan di seluruh dunia dengan kerjasama Pertubuhan

Kesihatan Sedunia (WHO) dan badan kesihatan antarabangsa.

Pada masa sama, kementerian mendedahkan, jumlah jemaah yang tiba menerusi saluran kesihatan dan menggunakan perkhidmatan pencegahan kementerian mencecah 480,794 orang sejak 14 Julai lalu.

AGENSI