



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

Bil	Berita	Media	Capaian Berita Penuh
28 JANUARI 2019 (ISNIN)			
1.	<u>PBT perlu contohi MPBP: Menteri</u>	Sinar Harian	Klik pada tajuk berita
2.	<u>Dana AAIBE digunakan selesai masalah elektrik di pedalaman</u>	Berita Harian	Klik pada tajuk berita
3.	<u>Guna dana AAIBE selesai masalah bekalan elektrik</u>	Utusan Malaysia	Klik pada tajuk berita
4.	<u>Sampel DNA dua mayat dihantar ke Jabatan Kimia</u>	Utusan Malaysia	Klik pada tajuk berita
5.	<u>Banjir Sabah: 7 sekolah ditutup</u>	Astro Awani	Klik pada tajuk berita
6.	<u>MNPC bakal dimansuhkan tahun ini</u>	Selangorkini	Klik pada tajuk berita
7.	<u>Banjir Sabah: 7 sekolah ditutup</u>	Astro Awani	Klik pada tajuk berita
8.	<u>The green vehicle initiative</u>	New Straits Times	Rujuk lampiran 1
27 JANUARI 2019 (AHAD)			
9.	<u>Batu Pahat sets the pace on low carbon cities: Yeo</u>	The Sun Daily	Klik pada tajuk berita



10.	Minister: Batu Pahat sets the pace on low carbon cities	Malay Mail	Klik pada tajuk berita
11.	Malaysia is Rated One of the Worst Plastic Polluters in the World	World of Buzz	Klik pada tajuk berita
12.	Gempa bumi sederhana di Laut Banda	Berita Harian	Klik pada tajuk berita
26 JANUARI 2019 (SABTU)			
13.	118 dipindah akibat banjir di Kota Marudu	Berita Harian	Klik pada tajuk berita
14.	Gempa bumi kuat landa Rantau Kepulauan Aru, Indonesia	Kosmo	Klik pada tajuk berita
15.	Gempa bumi kuat di Rantau Kepulauan Aru, Indonesia	Sinar Harian	Klik pada tajuk berita
16.	Gempa bumi kuat landa Rantau Kepulauan Aru	Astro Awani	Klik pada tajuk berita

TEMPATAN

Bil	Berita	Media	Capaian Berita Penuh
28 JANUARI 2019 (ISNIN)			
17.	Pengeluar kertas terkemuka China cadang labor RM1.2 bilion	Harian Metro	Rujuk lampiran 2



18.	<u>TNB meter reader saved family from burning house</u>	The Star	Rujuk lampiran 3
19.	<u>Korban empangan pecah meningkat 34</u>	Harian Metro	Rujuk lampiran 4
20.	<u>Pembaca meter TNB jadi hero selamatkan mangsa kebakaran</u>	Kosmo	Rujuk lampiran 5
21.	<u>Sabah Floods Worsening</u>	New Straits Times	Rujuk lampiran 6
22.	<u>Pengguna dinasihat jaga keselamatan elektrik pada musim perayaan - TNB</u>	Berita Harian	Klik pada tajuk berita
27 JANUARI 2019 (AHAD)			
23.	<u>Lifelong learning a must in 4IR</u>	New Straits Times	Klik pada tajuk berita
24.	<u>Human Writes: Malaysia rated one of the world's worst for plastic pollution</u>	Star2.com	Klik pada tajuk berita
25.	<u>TNB: Don't overload with too many extensions</u>	The Sun Daily	Klik pada tajuk berita
26.	<u>[UPDATE] Panik air naik lebih tiga meter</u>	Harian Metro	Klik pada tajuk berita
27.	<u>Great for Environment, Say NGOs</u>	New Sunday Times	Rujuk lampiran 7
26 JANUARI 2019 (SABTU)			
28.	<u>Banjir: 1,425 mangsa dipindahkan di Kota Marudu</u>	Berita Harian	Klik pada tajuk berita

ANTARABANGSA

Bil	Berita	Media	Capaian Berita Penuh
28 JANUARI 2019 (ISNIN)			
29.	<u>S. Korea attempt to combat China-origin pollution fails</u>	The Malaysian Insight	Klik pada tajuk berita
30.	<u>New Australia mass fish deaths in key river system</u>	New Straits Times	Klik pada tajuk berita
31.	<u>Climate change pushing killer whales to migrate north</u>	New Straits Times	Klik pada tajuk berita
32.	<u>Climate change pushing killer whales to migrate north</u>	Malaymail	Klik pada tajuk berita
33.	<u>Global seed companies are addressing climate change and nutrition needs but reach only 10% of the world's small farmers</u>	Business Insider	Klik pada tajuk berita
34.	<u>'Radical rethink' needed to tackle obesity, hunger, climate</u>	Free Malaysia Today	Klik pada tajuk berita
35.	<u>Angka korban insiden banjir, tanah runtuh di Indonesia cecah 68 orang</u>	Astro Awani	Klik pada tajuk berita
27 JANUARI 2019 (AHAD)			
36.	<u>2020 Asia-Pacific Environment Ministers Meeting, held in Korea</u>	Energynews.co.kr	Klik pada tajuk berita



37.	<u>'The Garden of Eden is no more'</u>	The Sun Daily	Klik pada tajuk berita
38.	<u>Derita cuaca panas, sejuk melampau</u>	Berita Harian	Rujuk lampiran 8
26 JANUARI 2019 (SABTU)			
39.	<u>Banjir, tanah runtuh Sulawesi terburuk</u>	Utusan Malaysia	Rujuk lampiran 9
40.	<u>Gempa bumi kuat landa Rantau Kepulauan Aru, Indonesia</u>	Kosmo!	Klik pada tajuk berita
41.	<u>25 missing as Indonesia heavy rains kill 59</u>	The Star	Rujuk lampiran 10

LAMPIRAN 1
 NEW STRAITS TIMES (BOTS/LIVE): MUKA SURAT 28
 TARIKH: 28 JANUARI 2019 (ISNIN)

The green vehicle initiative

Initiatives are underway to reduce carbon emission on Malaysian roads, writes Izwan Ismail

THE sight of fully electric cars and hybrid vehicles charging in large numbers at electric vehicle (EV) charging stations along the highways in Malaysia may soon be a normal sight in Malaysia.

Agencies such as Malaysian Green Technology Corporation (GreenTech Malaysia), PLUS and United Nations Industry Development Organisation (Unido) are working closely to realise this noble effort to free or lower carbon emission from Malaysian roads.

FUTURE CERTAINLY LOOKS "GREEN"

Currently, ongoing initiatives by ministries and state government are in support of low carbon mobility.

Various documents pertaining to township planning are taking low carbon mobility into consideration. One of the key programmes is to have more EV charging stations. Emphasis is also given on public transportation availability.

Additionally, cleaner emission technology vehicle models are also being introduced in the market.

LOW CARBON MOBILITY

According to GreenTech Malaysia's head of low carbon mobility, Huzaimi Nor Omar, low carbon mobility refers to three elements.

The first one is Mode Shift, which refers to the phenomenon when a traveller will shift from a carbon-intensive mode of transport to a less carbon intensive mode of transport. There is another type of vehicle which uses Cleaner Emission Technology.

There are the types of vehicles that produce less harmful impacts to the environment than conventional internal combustion engine vehicles. This domain concerns advanced vehicle technologies and will include hybrid electric vehicles, plug-in hybrid electric vehicles and battery electric vehicles," says Huzaimi.



Huzaimi charging an EV car.

The third type of low carbon mobility, meanwhile, refers to the use of cleaner fuel and energy sources.

"This deals with various types of fuels and energy sources that power the modes of transport. This involves both non-renewable and renewable fuel, and energy sources for various modes of transport producing lower carbon emission as a whole.

Huzaimi says Malaysia has made significant progress on low carbon mobility by having initiatives such as installation of EV charging stations.

"Various pilot programmes have also been done to study the feasibility and performance of such vehicles on the road. This includes participation from Prasarana and Perbadanan Putrajaya," he says.

The latest initiative is the GreenTech collaboration with PLUS and Unido to offer the first public solar Electric Vehicle (EV) charging station in Malaysia at the Ayer Keroh Overhead Bridge Restaurant (Southbound) on the North-South Expressway.

This enables highway users with EV vehicles to recharge their cars for free at the charging station which uses solar energy.

MANUFACTURERS CONTRIBUTION

Vehicle original equipment manufacturers (OEMs) are also being active in introducing cleaner emission technology vehicles and plug-in hybrid electric vehicle (PHEV) models in the market. The uptake of such vehicles are positive.

"We also have our own local electric two-wheelers manufacturers, namely Voltron, Eclimo and Treelektrik. Our neighbours Thailand and Singapore are also in high gear to promote sustainable transport initiatives," adds Huzaimi.

With the current on-going initiative to promote the use of green vehicles and renewable energy, Greentech Malaysia has set a minimum target of 100,000 EV and 2,000 e-buses on Malaysian roads by the year 2030.

Huzaimi says this will depend on government policy.

The population of vehicles in Malaysia, estimated to number one million units per year, will continue polluting the air if the issue is not addressed accordingly through green vehicle options.

"Green vehicles do not cause local pollution," emphasises Huzaimi.

MAKING IT HAPPENS

Promoting the use of green vehicles and energy may require other factors to help boost the uptake.

"Fees and a rebate mechanism to promote ownership of green vehicles will help drive this effort," says Huzaimi.

Besides that, tighter control on carbon emission per unit vehicle will help.

He says GreenTech Malaysia, being an organisation under the purview of the Ministry of Energy, Science, Technology, Environment and Climate Change, is looking at the energy-efficient perspective of the land transport sector to address issue of carbon emission and climate change.

There are various initiatives that are actively on-going currently.

"GreenTech Malaysia, through the ChargeEV initiative, is actively installing EV

charging stations to promote the use of PHEV and EV," says Huzaimi.

Additionally, GreenTech Malaysia has been part of the Langkawi Baseline Study to gauge the current emission from the various sectors in the island.

From that, the Low Carbon Island Initiative is proposed. In the transport sector, the first phase of 10 units of ChargeEV stations has already been installed in Langkawi.

On the high price of the green vehicles, Huzaimi says typical green vehicles contain lithium battery whose price is still "on the high side" though it is decreasing yearly.

He adds that while current green vehicles are in the high price bracket, there are cheaper and smaller ones that, unfortunately, do appeal to the local market.

He cites, for instance, the Mahinda Reva and Electric Jeeps (or eJeeps).

Huzaimi says there are also two-wheeler segments that are cheaper and more affordable. Moreover, the light vehicle category (quadricycle) market has yet to be explored.

"With the right R&D and incentive scheme, we believe Malaysia will be able to produce its own affordable EVs in the future," he adds.

At the last Kuala Lumpur International Motor Show 2018 (KLIMS 18), Greentech Malaysia showcased the ChargeEV, which is a uniform branding for EV charging station in Malaysia.

Today, about 240 ChargeEV stations have been installed throughout Peninsular Malaysia in prime locations (hotel, shopping malls, petrol stations, etc.).

There are currently more than 5,000 ChargeEV members that utilise the EV charging stations and the number is expected to rise.

Huzaimi adds that low carbon mobility can be considered a success when the general public can travel from one point to another with the least energy and emit almost zero carbon emission, while not affecting their daily travel needs and activities.



The first public solar Electric Vehicle (EV) Charging station in Malaysia at Ayer Keroh Overhead Bridge Restaurant (Southbound) on the North-South Expressway. PICTURES BY MUHAMMAD ZUHARI ZUBER

LAMPIRAN 2
HARIAN METRO (BISNES): MUKA SURAT 28
TARIKH: 28 JANUARI 2019 (ISNIN)

Kuala Lumpur

**Pengeluar kertas terkemuka
China cadang labur RM1.2 bilion**

Malaysia terus menarik perhatian pelabur antarabangsa apabila pengeluar kertas terkemuka China, Zhejiang Jingxing Paper Co Ltd bercadang untuk melabur AS\$299.4 juta (RM1.2 bilion) bagi membina kilang pengeluaran kertas papan pulpa dan kertas pembungkusan di Selangor.

Syarikat berkenaan bercadang untuk membina kilang pengeluaran kertas papan pulpa dengan kapasiti tahunan 800,000 tan dan 600,000 tan bagi kertas pembungkusan.

Kilang berkenaan yang akan terletak 43 kilometer dari Pelabuhan Klang dan 52 kilometer dari Lapangan Terbang Antarabangsa Kuala Lumpur (KLIA) dijangka dibangunkan dalam dua fasa.

Syarikat itu dalam kenyataannya berkata, pembangunan akan dibuat dalam dua fasa selama empat tahun yang mana fasa pertama pembinaan merangkumi 800,000 tan pengeluaran pulpa, sementara fasa kedua membabitkan

pembangunan barisan pengeluaran 600,000 tan kertas pembungkusan.

“Projek ini untuk mengeluarkan kertas papan pulpa dan kertas pembungkusan daripada kertas sisa buangan yang diimport dari Amerika Syarikat (AS).

“Ada 800,000 tan plat pulpa dan 600,000 tan kertas mentah termasuk 355,000 tan kadbod dan 245,000 kertas beralun,” katanya.

Zhejiang Jingxing berkata, pembinaan kilang di luar negara itu adalah untuk menyelesaikan dilema bahan mentah yang diimport dan memecahkan halangan pengembangan berskala syarikat berkenaan.

Ia berkata, pembangunan kemudahan pengeluaran di luar negara juga adalah untuk memperluaskan pasaran produk dan terus meningkatkan daya saing syarikat.

Selepas pembinaan kilang selesai, Zhejiang Jingxing mengunjurkan pendapatan jualan dijangka mencecah RM2.2 bilion dan jumlah keuntungan diunjurkan RM3.7 bilion.

LAMPIRAN 3
THE STAR (NATION): MUKA SURAT 12
TARIKH: 28 JANUARI 2019 (ISNIN)

TNB meter reader saved family from burning house

By VENESA DEVI
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JOHOR BARU: A usual working day turned dramatic for Tenaga Nasional Bhd worker Mohd Ridzuan Azam when he saved a family of seven from a burning house.

The 26-year-old meter reader-turned-hero expected his routine of going from one house to another in Skudai on Dec 17 to be just another day.

"When I reached a double storey house along Jalan Kasturi 17, I saw black smoke coming out from another nearby house.

"I was shouting loudly at their front gate and honking my car but nobody inside the house responded to my call until an elderly woman opened the door," he said.

Mohd Ridzuan said the woman was not aware that her house was on fire and panicked when she realised what was happening.

She said her grandchildren were sleeping on the second floor.

"I did not have much time to think and ran straight into the burning house and banged on the doors to wake them up," he said, adding that the teenagers then followed him to safety.

He said that during the time of incident, there were seven people living in the house.

Mohd Ridzuan said he tried to put out the fire by pouring pails of water before the Fire and Rescue Department arrived at the scene minutes later.



Honoured: Mohd Ridzuan showing the certificate the Johor Fire and Rescue Department gave to him for his heroic act.

For his heroic act, Mohd Ridzuan received a certificate from Johor Fire and Rescue Department at its annual parade yesterday.

"I do not look at it as a heroic act but rather a responsibility that everyone should have in them, especially when it is about someone's life.

"We need to be brave when we know we are doing the right thing and should be compassionate with the people around us, even if they are strangers," he said, adding that he was glad that everyone was safe.

LAMPIRAN 4
HARIAN METRO (GLOBAL): MUKA SURAT 32
TARIKH: 28 JANUARI 2019 (ISNIN)

Korban empangan pecah meningkat 34

Brumadinho (Brazil): Jumlah mangsa terkorban dalam tragedi empangan runtuh di sebuah lombong besi di sini, Jumaat lalu meningkat kepada 34 orang semalam dengan harapan kira-kira 300 lagi yang hilang ditemui hidup semakin tipis.

Empangan yang dibina berhampiran bandar Belo Horizonte di Minas Gerais melimpahkan jutaan tan lumpur ke arah kawasan kemudahan lombong besi, ladang dan kawasan berdekatan bandar Brumadinho.

Puluhan helikopter turut digunakan dalam operasi menyelamatkan sejak kelmarin, disebabkan lumpur tebal yang menenggelamkan bangunan, kenderaan dan jalan raya.

Pasukan penyelamat mengumumkan, angka kematian dijangka meningkat apabila lebih banyak mayat ditemui terperangkap dalam lumpur.

Tentera juga menghantar

kira-kira 1,000 askar termasuk beberapa anjing pengesanan ke zon bencana untuk membantu usaha mencari dan menyelamatkan.

Menurut data yang dikeluarkan syarikat perlombong

ngan Vale, hampir 300 mangsa yang masih hilang itu pekerja lombong.

Sehingga kini, lebih 170 mangsa berjaya diselamatkan dan daripada jumlah itu, 23 orang dirawat di hospital

kerana cedera.

Bencana itu adalah kes terbesar yang pertama dihadapi Presiden Brazil, Jair Bolsonaro sejak dia memegang jawatan itu pada 1 Januari lalu. - AFP



SEORANG lelaki duduk di atas bumbung rumahnya yang musnah akibat dilanda lumpur dan air selepas empangan pecah di Brumadinho. - AFP

LAMPIRAN 5

KOSMO (NEGARA): MUKA SURAT 13

TARIKH: 28 JANUARI 2019 (ISNIN)

Pembaca meter TNB jadi hero selamatkan mangsa kebakaran

JOHOR BAHRU - Tindakan nekad seorang pembaca meter Tenaga Nasional Berhad (TNB) menyelamatkan dua mangsa kebakaran di sebuah rumah teres di Skudai, akhir tahun lepas mendapat penghargaan daripada Jabatan Bomba dan Penyelamat (JBPM) Negeri Johor semalam.

Mohd. Ridzuan Azman, (gambar kecil) 26, menerima sijil penghargaan Tindakan Awal Dalam Mencegah Kebakaran Yang Berlaku Semasa Sedang Bertugas yang disampaikan oleh Pengarah JBPM negeri, Datuk Yahaya Madis dalam Majlis Perbarisan Tahunan di Ibu Pejabat JBPM.

Mohd. Ridzuan berkata, semasa kejadian pada 17 Disember lalu, beliau yang sedang melakukan pemeriksaan meter di sekitar Jalan Kasturi 23 dekat Skudai kira-kira pukul 12.30 tengah hari, terlihat kepulan asap dari sebuah rumah sebelum bergegas ke rumah berkenaan.

"Saya terus memasuki rumah itu dan melihat seorang nenek bersama empat cucunya kelihatan panik selepas saya



YAHAYA (depan) bergambar bersama pegawai dan penerima sijil penghargaan pada Majlis Perbarisan Tahunan di Ibu Pejabat JBPM Johor Bahru semalam.

memberitahu ada kepulan asap keluar dari tingkat atas rumah itu.

"Saya suruh mereka keluar secepat mungkin dan sempat menelefon balai bomba berdekatan untuk mendapatkan bantuan, tetapi saya diberitahu ada dua orang lagi yang sedang tidur di tingkat atas," katanya.

Mohd. Ridzuan berkata, dia segera menaiki tingkat atas rumah berkenaan

dan mengejutkan dua mangsa yang merupakan cucu kepada nenek tersebut yang sedang tidur dan menyuruh mereka segera keluar dari rumah itu.

"Saya juga sempat menyimbah air menggunakan baldi sebelum api dipadamkan sepenuhnya oleh bomba," katanya yang memberitahu dia jadi berani kerana mahu menyelamatkan nyawa. - Bernama

Jangan bebankan soket rumah

KUALA LUMPUR - Tenaga Nasional Berhad (TNB) menasihatkan pengguna agar sentiasa mengambil langkah berjaga-jaga dan menitikberatkan aspek keselamatan elektrik terutama pada musim perayaan Tahun Baru Cina ini.

TNB dalam satu kenyataan berkata, pengguna disaran agar tidak membebankan soket dengan penggunaan adapter secara berlebihan bagi mengelakkan beban tinggi.

"Pengguna juga diminta tidak memasang atau menggantung apa jua bahan, termasuk bagi tujuan perayaan di kabel dan pemasangan elektrik TNB kerana terdapat risiko renjatan elektrik dan percikan arka.

"Beban tinggi, renjatan elektrik dan percikan arka boleh menyebabkan gangguan bekalan elektrik yang membawa kepada ketidakselesaan dan lebih buruk lagi merosakkan harta benda dan mengancam nyawa," menurut kenyataan itu di sini semalam.

LAMPIRAN 6
NEW STRAITS TIMES (NEWS/NATION): MUKA SURAT 58
TARIKH: 28 JANUARI 2019 (ISNIN)



A Civil Defence Force personnel monitoring the water level at a kampung in Kota Belud yesterday. PIC BY RECQUEAL RAIMI

RAINY SEASON

SABAH FLOODS WORSENING

Five districts inundated, more than 2,000 people evacuated

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FLOODING in five districts in the state is worsening, with more people being forced to flee their homes.

As of noon yesterday, 2,607 people had been evacuated to 19 flood-relief centres across the

state. This compares with 2,555 victims as of 8am.

The two new centres to be opened were in Paitan district.

A Sabah Civil Defence Department spokesman said Kota Marudu remained the hardest-hit district, with 2,470 victims from 518 families, followed by Pitas (27), Matunggong (24), Kota Belud (26) and Sipitang (12).

The areas were inundated following non-stop rain since Friday.

Bernama reported that Sabah Chief Minister Datuk Seri Mohd Shafie Apdal said he had asked State Secretary Datuk Hashim Pajjan to identify suitable locations to set up permanent evac-



Families seeking shelter at the SK Pekan Pitas 2 flood relief centre in Pitas yesterday. PIC COURTESY OF CIVIL DEFENCE FORCE

uation centres in flood-prone districts.

"Every time floods hit these areas, victims are evacuated to temporary relief centres, including schools.

"Placing evacuees there can affect the buildings' structure as not all are built with bricks and cement. Some are built with wood," he said after introducing Sabah football players and their

new jerseys for the 2019 season here yesterday.

He said the state Disaster Management Committee had been mobilised to monitor the flood situation in several districts.

LAMPIRAN 7
 NEW SUNDAY TIMES (STORY OF THE DAY/NEWS): MUKA SURAT 3
 TARIKH: 27 JANUARI 2019 (AHAD)

CENTRAL FOREST SPINE

GREAT FOR ENVIRONMENT, SAY NGOs

Project would have had a devastating impact on flora, fauna, say NGOs

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WHILE there remains some confusion as to whether the East Coast Rail Link (ECRL) project has been cancelled, environmental non-governmental organisations (NGOs) are hopeful that it is off.

They are concerned that the project will have a devastating impact on the environment.

Malaysian Nature Society (MNS) executive director I.S. Shanmugaraj said: "It would cut through several major rivers and dissect hundreds of hectares of protected forest in the Central Forest Spine (CFS).

"The CFS contains the major forest complexes of Titiwangsa-Bintang-Nakawan Range, National Park to Eastern Range, Southeast Pahang Swamp Forest, Tasik Chini and Tasik Bera and the Endau Rompin National Park-Kluang Wildlife Reserve.

"Animals roam freely in this area. The project would cut through these biodiverse coastal forests and wetlands.

"It would endanger tigers, elephants and other rare species. By ending this project, we are saving our forests and wildlife. We are happy that the project is cancelled."

Pertubuhan Pelindung Khazanah Alam Malaysia (Pekam) president Puan Sri Shariffa Sabrina Syek Akil said the group hoped that the project was cancelled.

In July, Pekam led a coalition of 12



The East Coast Rail Link project site in Bentong, Pahang. On the right is the Karak Expressway. PIC BY ZUNNUR AL SHAFIQ

environmental NGOs, including MNS, to protest against ECRL in Bentong.

"We must be vigilant about attempts that wreak havoc on our environment.

"This project would greatly affect our ecosystem.

"We have a forest spine but if this project goes on, it will break that area through deforestation. Poachers will come in droves and kill what wild animals we have left."

Political analyst and veteran economist Professor Dr Hoo Ke Ping agreed that the financial impact would not be favourable to the country.

Even after the project was completed, he said, the debt would neutralise the benefits.

Hoo said the argument for ECRL had been that it was for the people, and that it would boost the economy, but questioned if that was true.

He said given the present high

debt situation, Malaysia should not get itself into a debt trap.

"The interest rate is high. Do we want to be in more debt to pay off our debt?"

"They talk about helping the people, but they are focusing on goods and services.

"Even after the project is done, I do not think we can afford to repay a debt this high."

Hoo gave three reasons why he thought Malaysia was better off without ECRL.

"First, there will not be enough returns in terms of passenger travel and economic growth that will enable the paying back of the cost of the project, including interest.

"The second factor is the illusion of real development and job creation. There will be a bigger outflow of money than that coming in.

"Third, ECRL is ultimately China's geopolitical strategy. It is for their benefit."

LAMPIRAN 8

BERITA HARIAN (DUNIA): MUKA SURAT 38

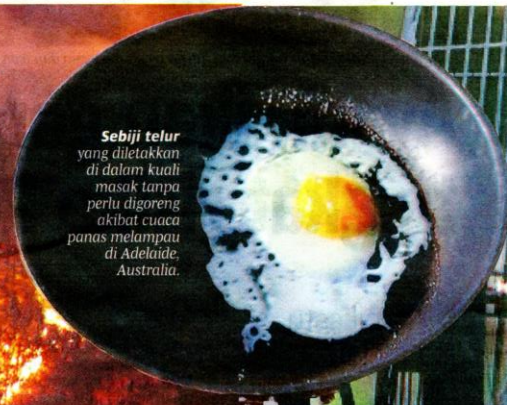
TARIKH: 27 JANUARI 2019 (AHAD)

Derita cuaca panas, sejuk melampau

Penduduk di Eropah Timur berdepan masalah salji tebal dan ribut salji yang menyukarkan aktiviti seharian serta mendatangkan masalah pada pihak berkuasa.



Sebij telur yang diletakkan di dalam kuali masak tanpa perlu digoreng akibat cuaca panas melampau di Adelaide, Australia.



Kebakaran hutan akibat cuaca terlampau panas.

Fakta nombor

→ Eropah, Australia alami fenomena paling meresahkan penduduk setempat

Susunan Sophia Ahmad
sophia@bh.com.my

Cuaca buruk dan ekstrem bukan suatu perkara baru, malah muncul sebagai antara fenomena yang paling meresahkan penduduk setempat.

Seluruh pelusuk dunia seakan-akan tidak terlepas dari permasalahan ini, seolah-olah ekologi alam sudah saling berantakan tanpa mampu diselamatkan lagi.

Cuaca sejuk bersama timbunan salji memutih satu ketika dulu sering dinanti bagi merehatkan diri daripada kehangatan musim panas.

Ia memberi memori indah khususnya di kalangan kanak-kanak dengan wujud apa yang dipanggil sebagai 'winter wonderland'.

Senario itu malangnya sudah berubah apabila di beberapa bahagian dunia ketika ini khususnya di Eropah, musim sejuk bagaikan satu mimpi ngeri yang ditakuti.

Hadirnya musim sejuk membawa bersama beberapa bencana alam seperti suhu sejuk melampau, ribut dan runtutan salji yang meragut sekian banyak nyawa.

Agensi Alam Sekitar Eropah (EEA) dalam kajian terbaru mengenai alam sekitar memberitahu, benua Eropah perlu bersiap sedia menghadapi

kesan perubahan cuaca, termasuk peningkatan risiko terhadap banjir, kemarau, penyakit berjangkit dan kekurangan hasil tanaman.

Setiap empat tahun, EEA yang berpangkalan di Copenhagen, Denmark menerbitkan laporan dikenali sebagai 'Perubahan cuaca, kesan dan keburukan ke atas Eropah'.

Sejak beberapa tahun kebelakangan ini, laporan EEA membawa bersama penemuan baharu yang membimbangkan, kesemuanya berhubung kait dengan aspek cuaca di benua itu.

Tiga tahun lalu menyaksikan Eropah berada dalam keadaan paling hangat pernah direkodkan dan ia dapat dilihat menerusi beberapa fenomena alam seperti paras air laut yang sentiasa tinggi serta penurunan jumlah kepington.

EEA yang khusus membuat penilaian dan ramalan cuaca serta kesan ke atas ekosistem memberi amaran, perubahan iklim di peringkat global adalah penyumbang utama kepada peningkatan cuaca ekstrem di Eropah.

Cuaca panas, melampau

Apabila suhu di darat dan lautan meningkat sekali gus mengubah keadaan asal, negara yang terdedah dengan keripasan menjadi semakin

basah, khususnya pada musim sejuk. Keadaan yang sama berlaku pada negara kering, apabila tahap kekeringan meningkat berkali ganda, lebih-lebih lagi pada musim panas.

Senario ini menyebabkan situasi ekstrem berkaitan cuaca seperti gelombang panas, keripasan dan kemarau semakin meningkat di banyak negara di dunia.

Risiko tinggi

Boleh dikatakan keseluruhan rantau Eropah terdedah kepada perubahan iklim namun sebilangan darinya berdepan impak lebih negatif berbanding lain.

Kajian EEA ini juga mendapati, bahagian pantai dan dataran banjir di barat Eropah khususnya terdedah kepada peningkatan risiko banjir berikutan paras air laut yang meninggi serta kemungkinan pertambahan jumlah ribut.

Seperti biasa, ribut atau taufan turut menyumbang kepada risiko banjir dan antara faktor penyebab hakisan di sepanjang pantai Eropah.

Di Jerman, umpamanya, kajian berasingan oleh Institut Penyelidikan Kesan Cuaca Postdam (PIK) mendapati, kerugian berkaitan banjir boleh dijangka susulan perubahan iklim.

Penyelidik PIK, Fred Hatter-

LAMPIRAN 8 (SAMB.) BERITA HARIAN (DUNIA): MUKA SURAT 39 TARIKH: 27 JANUARI 2019 (AHAD)



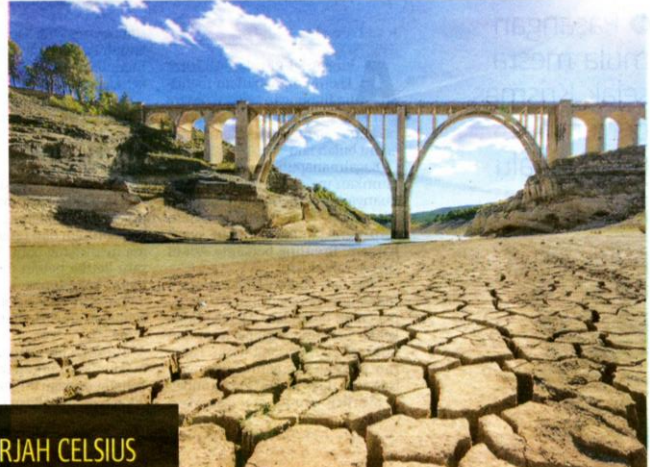
Eropah terdedah kepada peningkatan risiko banjir berikutan paras air laut yang meninggi.



Perubahan iklim di peringkat global adalah penyumbang utama kepada peningkatan cuaca ekstrem di Eropah.



Seorang kanak-kanak yang kepanasan di Australia menyejukkan diri bagi memastikan tidak dilanda dehidrasi.



Kemarau di Sepanyol akibat suhu panas melampau.

48 DARJAH CELSIUS
suhu di Selatan Australia

47.9 DARJAH CELSIUS
suhu di utara Adelaide

50 DARJAH CELSIUS
suhu di beberapa negeri lain



Seluruh pelusuk dunia tidak terlepas dari cuaca buruk dan ekstrem.

man berkata, suhu yang semakin menaik membawa kepada kekejaman proses penyejukan, sekali gus menjadikan kelembapan semakin bertambah.

"Semua fenomena ini saling berkait dan rantaian ini yang membawa kepada hujan lebat luar biasa serta banjir di sesetengah kawasan," jelasnya.

Kemarau di selatan Eropah

Situasi berlainan bagaimanapun menanti bahagian selatan dan tenggara Eropah apabila rantau itu dilihat berpotensi muncul sebagai titik panas perubahan cuaca.

Rantau ini sejak awal lagi sudah mengalami suhu panas melampau dan penurunan kerpasan serta aliran sungai, justeru ia meningkatkan kemungkinan untuk berlakunya kemarau buruk, pengurangan hasil tanaman, kehilangan biodiversiti dan kebakaran hutan.

"Gelombang panas sudah menyebabkan ribuan kematian di selatan Eropah dan negara seperti Sepanyol sudah menambah loji penyahgaraman bagi bersedia menghadapi masalah kekurangan air manakala di bandar lebih besar, mereka terpaksa bergantung kepada bekalan air yang dihantar oleh lori tangki," kata pengarang laporan EEA, Hans-Martin F. Ssel



Semua fenomena ini saling berkait dan rantaian ini yang membawa kepada hujan lebat luar biasa serta banjir di sesetengah kawasan"

Fred Hatterman,
Penyelidik PIK

Gelombang haba di Australia

Bukan hanya selatan Eropah, negara benua Australasia iaitu Australia turut dilanda suhu panas melampau malah selatan negara itu pada Selasa menghampiri 48 darjah Celsius, sekali gus memecahkan rekod terdahulu, minggu ini.

Biro Kaji Cuaca melaporkan, suhu di utara Adelaide mencecah 47.9 darjah manakala suhu dalam bandar raya itu mencecah 46.2 yang memecahkan rekod dicatat sejak tahun 1939.

Suhu panas bukan sesuatu yang asing untuk penduduk Adelaide setiap kali musim panas hemisfera selatan melanda namun kali ini mereka terpaksa menyerah kalah dan menggunakan pelbagai kaedah untuk menyejukkan badan.

Adelaide bukan satu-satunya bandar di Australia Selatan yang berdepan suhu seumpama itu kerana lebih 13 bandar lain turut berdepan keadaan serupa malah beberapa negeri diramalkan mencapai 50 darjah.

Kepanasan melampau itu juga memberi kesan ke atas perkhidmatan perbandaran, dengan bas Sun-City terpaksa mengurangkan khidmat, menyebabkan penduduk tidak mempunyai pilihan, selain menaiki tram atau kereta api untuk pulang ke rumah.

LAMPIRAN 9
UTUSAN MALAYSIA (LUAR NEGARA): MUKA SURAT 43
TARIKH: 26 JANUARI 2019 (SABTU)



ANGGOTA keselamatan memindahkan penduduk terjejas akibat bencana banjir di Makassar. - REUTERS

Banjir, tanah runtuh Sulawesi terburuk

MAKASSAR 25 Jan. - "Saya tidak pernah melihat bencana seteruk ini."

Demikian kenyataan Ketua Agensi Mitigasi Bencana Sulawesi Selatan, Syamsibar mengenai bencana banjir dan tanah runtuh yang melanda Sulawesi sejak beberapa hari lalu.

Angka kematian akibat bencana itu meningkat kepada 59 orang.

Ribuan penduduk di kawasan tersebut dipindahkan sebagai langkah keselamatan.

Menurut Syamsibar, berpuh-puluh lagi masih hilang dalam kejadian yang dianggap antara terburuk di negara ini.

Hujan lebat mengakibatkan air sungai melimpah sekali gus menjejaskan penduduk di 11 daerah di kawasan tersebut.

Sebahagian daripada wilayah Makassar juga terkesan dengan bencana itu.

Syamsibar memberitahu, daerah Gowa mencatatkan jumlah kematian tertinggi iaitu seramai 44 orang.

Hujan lebat mengakibatkan air sungai melimpah sekali gus menjejaskan penduduk di 11 daerah di kawasan tersebut."

AFP

Seorang mangsa, Ayu Fiskarina berkata, kediamannya terkesan teruk akibat banjir itu.

"Saya tidak berupaya untuk menyelamatkan harta benda kerana rumah saya telah ditenggelami banjir," jelasnya.

Dalam pada itu, pihak berkuasa memaklumkan banjir mula menunjukkan sedikit penyusutan namun impaknya terlalu teruk sehingga menjejaskan rumah, bangunan kerajaan, sekolah dan jambatan. - AFP

LAMPIRAN 10
THE STAR (STAR ASEAN PLUS): MUKA SURAT 22
TARIKH: 26 JANUARI 2019 (SABTU)

25 missing as Indonesia heavy rains kill 59

MAKASSAR: Floods and landslides in Indonesia have killed at least 59 people, the government said, after heavy rain pounded Sulawesi island and forced thousands to flee their homes.

"I've never seen something this bad - this is the worst," Syamsibar, head of South Sulawesi's disaster mitigation agency, said, adding that 25 people were still missing.

Lashed by the heavy rain, rivers swelled and burst their banks, inundating dozens of communities in 11 districts of southern Sulawesi.

Parts of the provincial capital Makassar have also been affected.

Gowa district suffered the heaviest casualties, with 44 people found dead, said Syamsibar.

Some 3,400 people were evacuated from their homes and given refuge in schools, mosques and tents.

Rescuers and residents waded through streets filled with waist-deep water, some carrying their possessions above their heads.

"I couldn't save all my belongings, my house was swept away," Makassar resident Ayu Fiskarina said.

Authorities say floodwaters are receding but the impact of the disaster has ranged far and wide, damaging houses, government buildings, schools and bridges.

"All the locals in this area have been evacuated to the mosque, except for (a) woman who refuses to leave her house because she's scared her belongings could be looted," said Makassar police officer Ardal.

The death toll stood at 30 on Thursday evening.

Landslides and floods are common in Indonesia, especially during the monsoon season between October and April, when rains lash the vast South-East Asian archipelago.

Last year, flash floods and landslides killed at least 22 people in several districts across Sumatra island, while a dozen died when an avalanche of mud and rock cascaded down a steep slope in central Java, Indonesia's main island.

In 2016, also in Central Java, about 50 people died when heavy downpours sent torrents of water, mud and rock into villages.



In deep water: A volunteer wading through floods at a residential area in Makassar, South Sulawesi. — Reuters

Indonesia is one of the most disaster-prone nations on Earth, straddling the Pacific Ring of Fire, where tectonic plates collide. Volcanic eruptions and earthquakes are common.

In December, more than 400 were killed in a volcano-triggered tsunami in western Java, while thousands died in a quake-tsunami disaster around the city of Palu on Sulawesi island in September.

Lombok, an island next to Bali, was rocked by earthquakes in the summer that killed more than 500 and sparked a mass exodus of foreigners from the tropical paradise. — AFP