



7th Annual LoCARNet Meeting
On 21-22 November 2018 at Arya Duta Hotel Jakarta
Day 2 - 22 Nov 2018
Day 2 Closing session - Report on ICLCA Mayor Forum



ICLCA/LoCARNet Johor Bahru Declaration
Transformation towards Smart, Resilient & Sustainable
Communities on 20 October 2018

Mayors Forum at International Conference of
Low Carbon Asia 2018





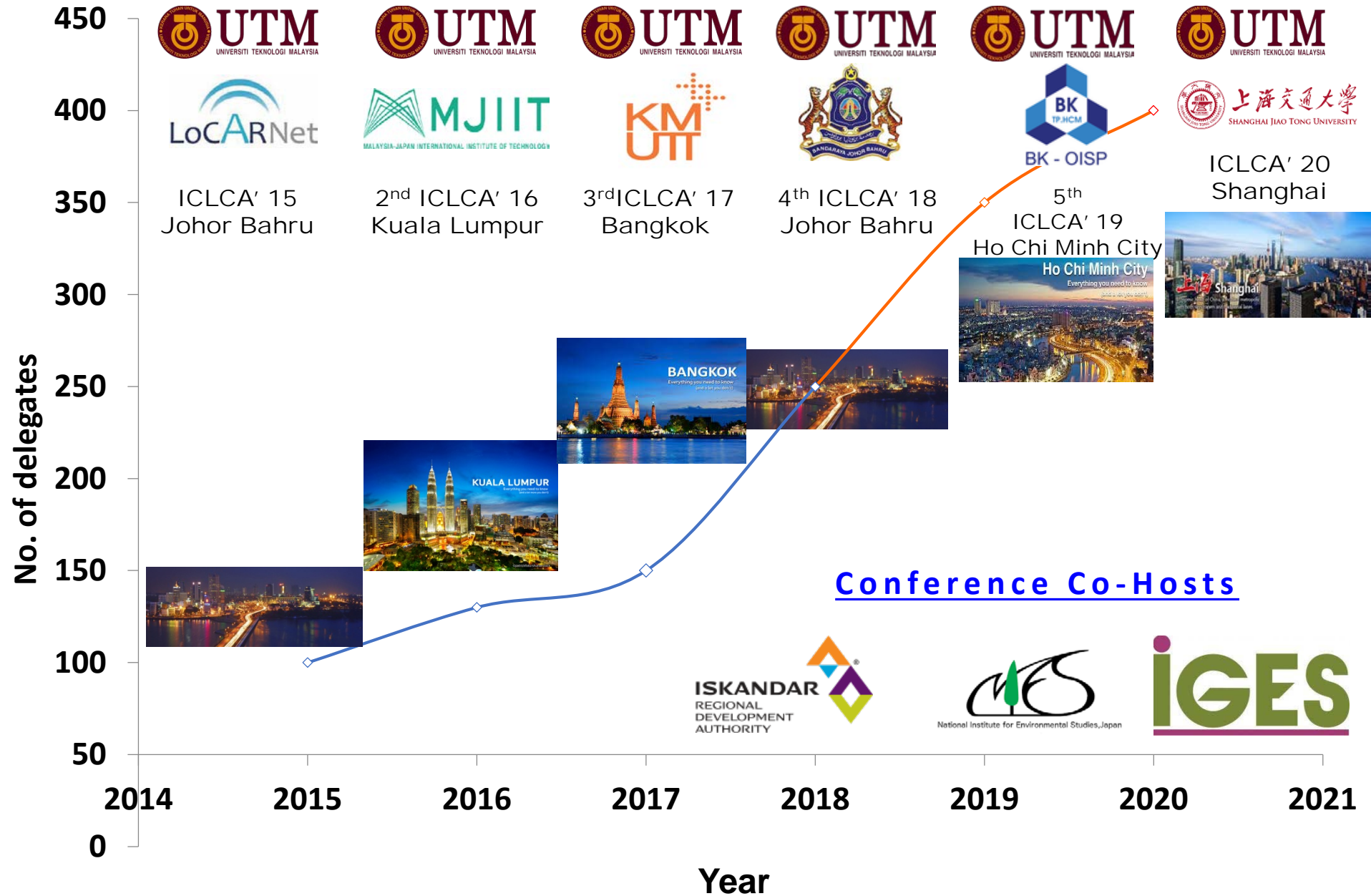
4TH INTERNATIONAL CONFERENCE ON LOW CARBON ASIA AND BEYOND

*Transformation towards Smart, Resilient
& Sustainable Communities*

24-26 OCTOBER 2018
JOHOR BAHRU, MALAYSIA



ICLCA, Since 2015





LEAD HOSTS



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4th International Conference on Low Carbon Asia & Beyond 2018 (ICLCA)

Transformation Towards Smart, Resilient & Sustainable Communities

24-26 October 2018, Holiday Villa Hotel, Johor Bahru, Malaysia



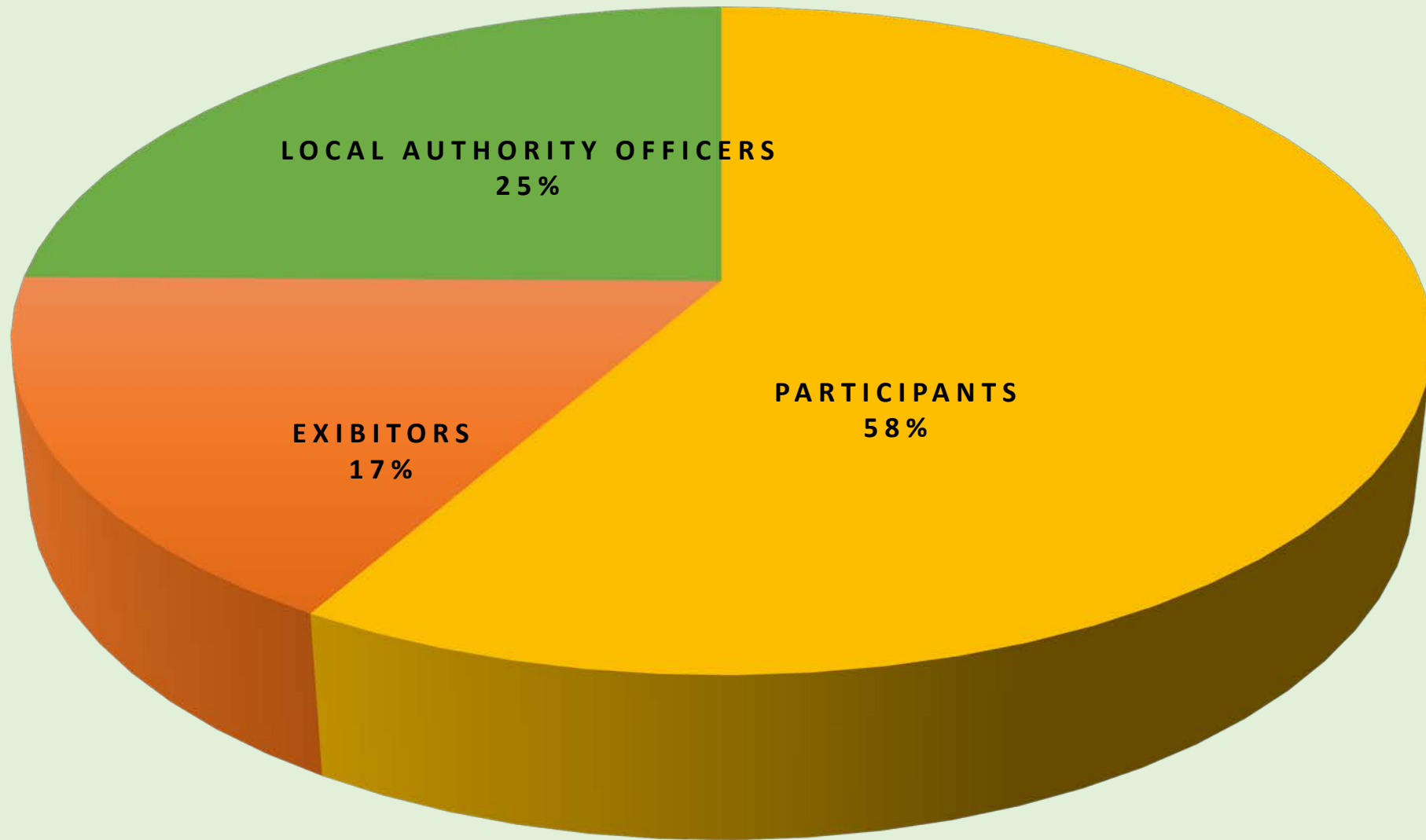
Officiated by
YAB. Dato' Haji Osman bin Haji Sopian
Menteri Besar Johor
in conjunction with the

Launch of Johor Bahru Low Carbon Society Action Plan 2025 (Revision)

Conference Partners

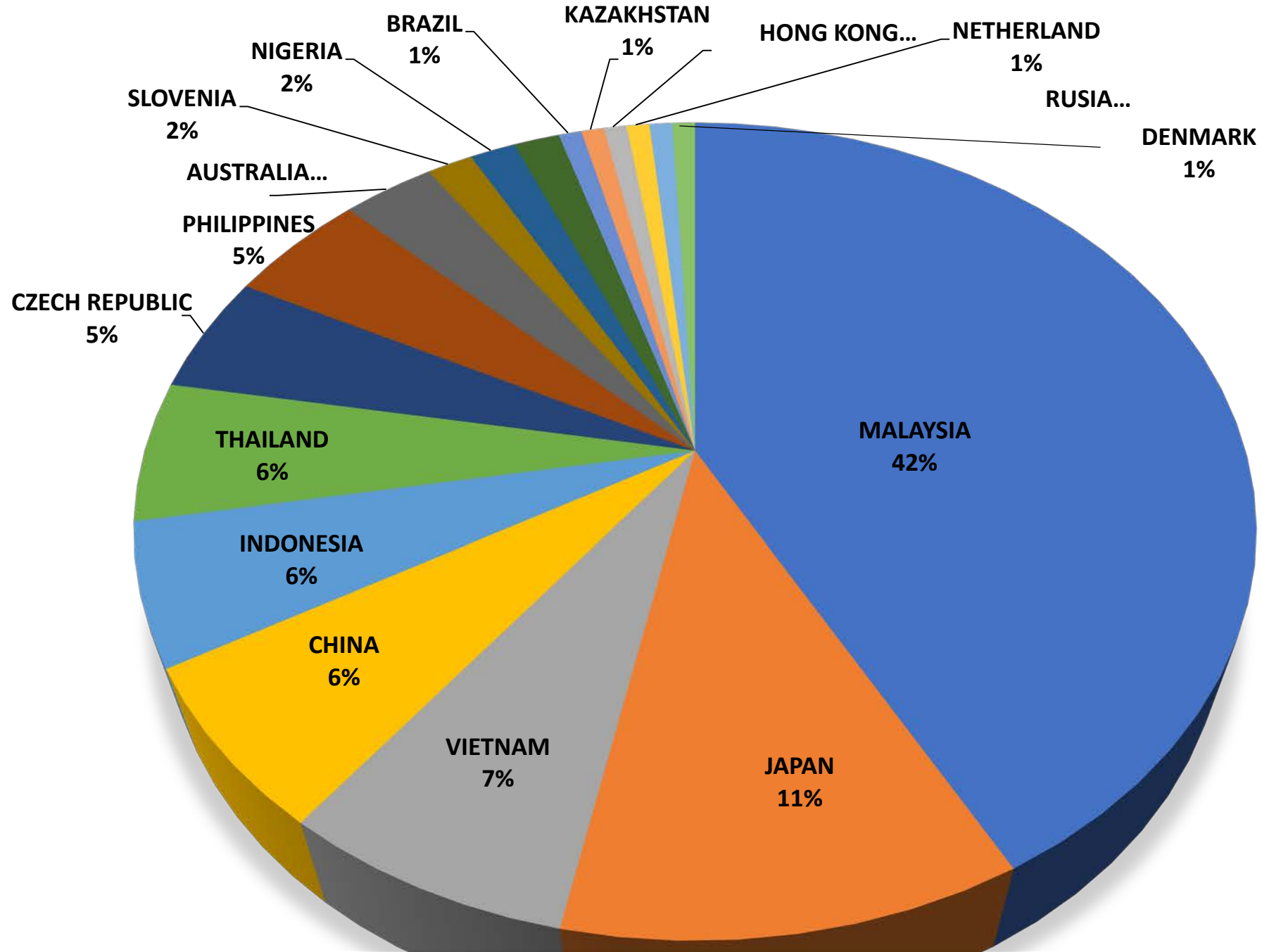


STATISTIC OF PARTICIPANT ICLCA 2018 (242 pax)



■ PARTICIPANTS ■ EXIBITORS ■ LOCAL AUTHORITY OFFICERS

Presenting Delegates (17 countries with 126 pax)



ICLCA Conference on 20 Oct 2018 Launch of **Johor Bahru Low-carbon Society Action Plan**



来自国内和外国的代表，出席一连三天在新山举行的“第四届亚洲低碳国际会议”。

大臣：推動低碳發展 善用綠能科技環保節能

(新山24日讯) 柔州政府鼓励各地方政府善用绿能科技，例如安装太阳能发电系统，达到环保及节省能源的目标。

柔佛州务大臣拿督奥斯曼指出，目前依斯干达特区发展机构与马来西亚工艺大学合作，促使柔州率先达到“低碳社会”(Low-carbon Society) 目标的州属。

“尤其马来西亚依斯干达特区将作出减低温室气体排放的贡献。”

柔州地方政府、科学及工艺委员会主席陈泓宾今午代表奥斯曼，出席由新山市政局与依斯干达特区发展机构联合举办的“第四届亚洲低碳国际会议 (ICLCA)” 开幕礼后，如是指出。

改變生活方式

另外，他说，柔州政府未打算延长“无车日”活动，因为这是教育与提高人民意识的活动，而目前州政府仍等待中央政府有关徵收新增碳排放税制 (Carbon Tax) 新税务的指示，柔州政府再行讨论。他说，中央政府与柔州政府致力于推动



■安然(左起)、陈泓宾、华希奥马、娜莎杜、何进松和波伊德，一同为“第四届亚洲低碳国际会议”开幕。

低碳发展，如推出“2025年马来西亚依斯干达低碳社会大蓝图”，推广绿色交通、绿色工业、低碳城市、绿色建筑、绿色能源系统、再生能源与低碳生活方式等。他强调，欲打造“低碳社会”，不仅注重基建打造与政策，以及推动先进的绿能

科技，更重要的是如何改变人们的生活方式。例如从驾车改成公车、使用公共交通一直到以步行代步，这些都是生活方式的改变。”

陳泓賓：5地推行低碳計劃

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他说，新山市政局也推行了检讨后的“2025年新山低碳社会行动计划”，更详细列出各项行动。他说，州政府鼓励其他地方政府一起推行这项计划，州政府也会协助，以达至“低碳社会”目标。

另外，新山市市长安然说，当局推动的行动计划，包括12项行动与247个项目。

“我要感谢马来西亚工艺大学与日本大学学者，分享他们经验来协助新山推动低碳成长。”

出席者包括土姑来马来西亚工艺大学副校长拿督华希奥马。



柔佛州

元出甲像的這才變，十術的員的據安員，因為惹查莫

四王子：走向國際舞台

夫拜賽





PLENARY 1

'ENVIRONMENTAL SUSTAINABILITY IN ISKANDAR REGION'



DATO ISMAIL B IBRAHIM
CHIEF EXECUTIVE OF ISKANDAR REGIONAL DEVELOPMENT AUTHORITY (IRDA)

PLENARY 2

'LEADING THE 2030 AGENDA FOR SUSTAINABLE DEVELOPMENT GOALS' (THE SDGs)



PROF. KAZUHIKO TAKEMOTO

PLENARY 3

'ENERGY INITIATIVE TO DEVELOP SUSTAINABLE ENERGY IN ASEAN'



DR SANJAYAN VELAUTHAM
EXECUTIVE DIRECTOR, ASEAN CENTRE FOR ENERGY, INDONESIA

PLENARY 4

'STABILISING ASIA CLIMATE'



DR JUNICHI FUJINO

SPECIAL SESSION

PUBLISHING ON SUSTAINABILITY WITH ELSEVIER



DR LAN SONG
ASSOCIATE PUBLISHER AND PUBLISHER OF JCLEPRO, ENVIRONMENTAL SCIENCE AND TECHNOLOGY, ELSEVIER, THE NETHERLANDS



PLENARY 5

'INTERNET OF THINGS FOR GREEN CITY TRANSFORMATION'



PROF. DR. JIŘÍ JAROMÍR KLEMES
BRNO UNIVERSITY OF TECHNOLOGY, CZECH REPUBLIC

PLENARY 6

'DESIGN OF SMART CITIES FOR INNOVATIVE SOCIETY IN JAPAN'



PROF. DR. IKUO SUGIYAMA
SPECIAL APPOINTED PROFESSOR, KOBE INSTITUTE OF COMPUTING, JAPAN

PLENARY 7

'TRANSITION INTO ZERO WASTE MANAGEMENT: BENEFIT AND BARRIER'



DR. AWASSADA PHONGPHIPHAT
JGSEE, KING MONGKUT'S UNIVERSITY OF TECHNOLOGY THONBURI, THAILAND

PLENARY 8

'SUSTAINABLE BIOMASS & BIOENERGY DEVELOPMENT IN ASEAN'



ASSOC. PROF. DR. PHUNG LE
HO CHI MINH UNIVERSITY OF TECHNOLOGY, VIETNAM






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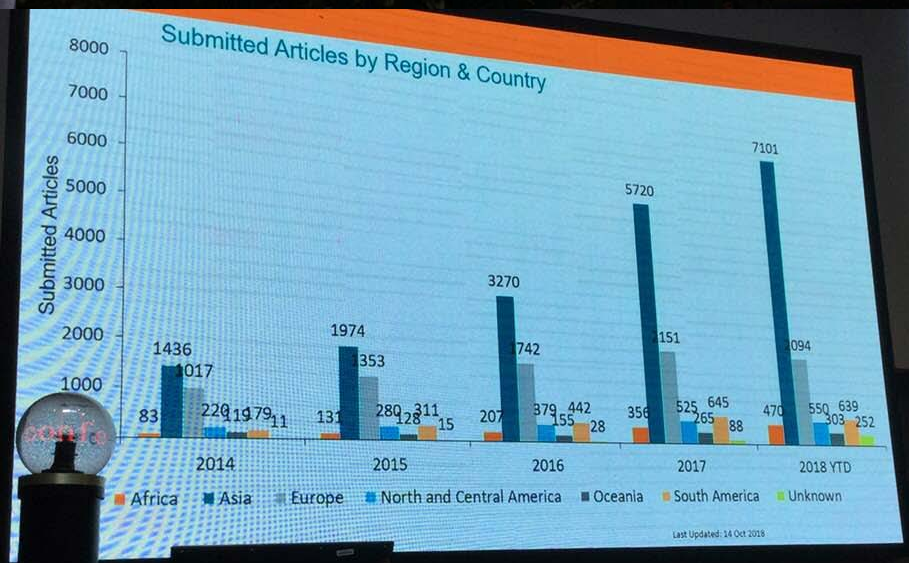
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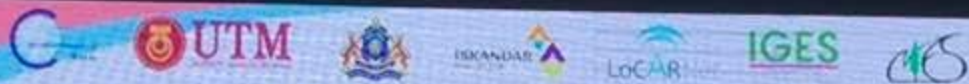
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ICLCA 2018 CITY MAYOR FORUM

TRANSFORMATION TOWARDS SMART, RESILIENT & SUSTAINABLE COMMUNITIES

MODERATORS Prof. Dr. Ho Chin Siong UTM-ICARC Dr. Junichi Fujino IGES

PANELISTS Ir. Hj. Nazatul Shima Binti Mohamad
Deputy Secretary, Johor Bahru City Council, Malaysia

Dr. Kittisak Kanasawat
Mayor, City of Maha Sarakham, Thailand

Miss Nguyen Minh Muoi
Deputy Director, Dept. of Natural Resources and the Environment (DONRE), Vietnam

Mr. Do Quang Hung
Deputy Director General, Dinh Vu Industrial Zone, Haiphong, Vietnam

Datuk Hj. Mahadi Che Ngah
Executive Director (Planning), Kuala Lumpur City Hall, Malaysia

Dato' Omairi Hashim
Senior Vice President, Putrajaya Corporation, Malaysia



ICLCA /LoCARNet Johor Bahru Declaration

Transformation towards Smart, Resilient & Sustainable Communities



The *Special Report on Global Warming of 1.5° C* (SR15) published by the IPCC on 8 October 2018 estimates that global warming is likely to reach 1.5° C above pre-industrial levels between 2030 and 2052 if it continues to increase at the current rate, resulting in increased risks to health, livelihoods, food security, water supply, human security, and economic growth. According to the Special Report, the world would have to cut carbon emissions by at least 49% of 2017 levels by 2030 and achieve carbon neutrality by 2050 to limit global warming to 1.5° C above pre-industrial levels.

Recognising the above, We, participants of the *4th International Conference on Low Carbon Asia and Beyond* and *LCRS/LoCARNet Interim Meeting* in Johor Bahru, committed to the transformation of Asia towards smart, resilient and sustainable communities to contribute to limiting global warming to 1.5° C above pre-industrial levels, have thus agreed to produce the ICLCA/LoCARNet Johor Bahru Declaration as stated below:

1. **Across-the-board carbon emissions reduction** in our social system as a whole is pivotal; WE therefore commit to strengthen domestic and within-region research communities in Asia and promote **evidence-based policymaking** by bridging the gap between policymakers and research communities and stimulating region-wide knowledge-sharing via regional cooperation.
2. WE shall continue to promote the '**Science to Action**' (S2A) approach to towards ensuring formulation of sustainability and climate policies that are grounded in good scientific evidence and are, importantly, implementable. WE shall intensify our efforts in establishing and strengthening pro-active research networks and communities of researchers, sub-national as well as national policymakers and implementation agencies to spearhead **actual transitions into a sustainable LCS**.
3. **People** are always at the centre of actual transformation into smart, resilient and sustainable communities. WE need to further enhance the engagement of the widest possible range of stakeholders in an inclusive manner towards **empowering the people** to determine and take positive sustainability and LCS actions in accordance with their different economic, socio-cultural and technological capacities.
4. WE need to urgently intensify research towards concrete consolidation of the **SDG 2030, NUA** and **Paris Agreement** into an integrated framework for sustainability and LCS policymaking and implementation, responding to all potential synergies and possible trade-offs among these key global agenda. Operationalisation of SDG 2030, NUA and the Paris Agreement at all national, regional and city levels needs to be accelerated.
5. WE need to significantly increase **effective buy-in** of LCS and sustainable development policies by all global, state and local institutions, especially through leveraging opportunities offered by emerging **4th Industrial Revolution technologies** and "**co-innovation**" – cooperation among Asian countries by utilising leading countries' technology and knowhow – to help close the varied gaps of resource availability, socioeconomic inequalities and sustainable infrastructure provision across the Asian Continent and beyond.

- WE can no longer afford any delay in taking real, positive actions to mitigate and adapt to global climate change, and create smart, resilient and sustainable communities in Asia and beyond. WE need to work harder to accelerate the global transition into a sustainable LCS future; ICLCA/LoCARNet is committed to providing the supporting and enabling platform to expedite this transition, including promoting effective partnerships between private companies and local governments through appropriate institutional arrangements and capacity building.

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- 25 October 2018

- Low Carbon Asia Research Network (ICLCA/LoCARNet), Johor Bahru

- http://lcs-rnet.org/about_locarnet/

Dissemination via News / Social media conferences and workshops



**大臣：推動低碳發展
善用綠能科技環保節能**

(新山24日訊)柔佛政府鼓勵各地方府善用綠能科技，例如安裝太陽能發電系統，達到環保及節省能源的目標。

柔佛州務大臣蘇丹曼指出，目前依斯干達特區發展局與馬來西亞工藝大學合作，與柔佛州軍先達到「低碳社會」(Low-carbon Society)目標的推廣。

「尤其柔佛州發展局與依斯干達特區特種出減溫室氣體排放的貢獻。」

柔佛州務大臣、科學及工業委員會主席陳泓賓今年代表柔佛，出席由新山市政府與依斯干達特區發展局聯合舉辦的「第四屆亞洲低碳國際會議」(ICLCA)開幕禮，如是指出。

改變生活方式

另外，柔佛政府打算延長「光車日」活動，因為這能教育與提高人民的意識，而目前政府仍等待中央政府有關獎勵新措施排定。

陳泓賓表示，柔佛政府將與依斯干達特區發展局合作，共同推動「低碳社會」目標。

陳泓賓：5地推行低碳計

陳泓賓說，柔佛政府已推行「2018年低碳社會行動計劃」，涉及新山市政府、新山達市、峇株巴轄、巴西古當、峇株巴轄、峇株巴轄、峇株巴轄。

他說，新山市政府也推行了「新山低碳社會行動計劃」，與依斯干達特區發展局合作，共同推動「低碳社會」目標。

另外，新山市長安然說，當局推動的「2018年低碳社會行動計劃」，包括12項行動與247個項目。

「我要感謝馬來西亞工藝大學與日本學者，分享他們經驗來協助新山推動低碳社會。」

出席者包括柔佛州務大臣蘇丹曼、柔佛州務大臣蘇丹曼、柔佛州務大臣蘇丹曼、柔佛州務大臣蘇丹曼、柔佛州務大臣蘇丹曼。

陳泓賓與安然與出席者交流。

Johor tunggu perincian cukai karbon

JOHOR BAHRU - Kerajaan Johor sedang menunggu keputusan Kerajaan Pusat berhubung pelaksanaan cukai karbon sebelum dibincangkan secara terperinci.

Exco Kerajaan Tempatan, Sains dan Teknologi, Tan Hong Pin berkata, buat masa ini tiada sebarang perbincangan mengenai perkara itu di peringkat kerajaan negeri.

"Kerajaan negeri belum lagi bincangkan pelaksanaan cukai karbon.

"Kita akan tunggu perincian daripada pusat, kemudian akan bincangkan bagaimana ia boleh dilaksanakan di Johor," katanya.



Hong Pin (kanan) ketika melawat ruang pameran, semalam.

lalu, antara lain akan meneliti pelaksanaan cukai karbon.

Menurut Keutamaan Ketiga iaitu Menangani Perubahan Iklim dan Mengurangkan Risiko Rendah Asia Dan Serantau Kali Ke-4, di sini, semalam.

Hadir sama, Datuk Bandar Majlis Bandaraya Johor Bahru (MBJB), Amran A Rahman dan Naib Canselor UTM, Prof Datuk Ir Dr Wahid Omar.

Terdahulu, Kajian Separuh Penggal Rancangan Malaysia Ke-11 (RMK-11) 2016-2020 yang dibentangkan Perdana Menteri, Tun Dr Mahathir Mohamad minggu

"Sejarah usaha Kerajaan Pusat dan kerajaan negeri, Iskandar Malaysia bekerja secara berterusan untuk menangani pelepasan karbon di koridor ekonomi yang pesat membangun ini.

"Sejak 2011, Pihak Berkuasa Wilayah Pembangunan Iskandar (Irda) telah bekerja rapat dengan Universiti Teknologi Malaysia (UTM), Universiti Kyoto, Universiti Okayama dan Insitut Pengajian Alam Sekitar (NIES) Jepun dalam membangunkan Pelan Induk Masyarakat Rendah Karbon Untuk Iskandar Malaysia 2025," katanya.





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出席者包括土姑来马来西亚工艺大学副校长拿

柔佛

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四王子：走向國際舞台

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