

DISSECTING ENVIRONMENTAL FACTORS IN SUSTAINABILITY INVESTMENTS



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3 AUGUST 2022

10.00 AM - 4.45 PM



Learning Hours:
4 hours

Fees:
MYR 650
(fees not inclusive of 6% SST)

CPE Points Earned:
10 CPE Points



MyCoD:765264K



SUSTAINABILITY

MODERATOR

SPEAKERS



Shazana Mokhtar



Cheryl Rita Kaur



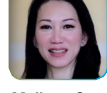
Justin Liew Jin Soong



Prof. Ir. Dr. Denny Ng Kok Sum



Dr Ruslan Abdullah



Melissa Ong



Dr. Kalithasan Kailasam



BK Sinha

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PROGRAMME OVERVIEW

The growth of sustainable investing in the past decade has forced companies to focus on ESG issues and move from only profit maximisation to considerations of nature, people, and planet. Environmental issues have been at the forefront with Malaysia pledging to achieve net-zero emissions as early as 2050. In order to halt climate change, carbon impact needs to be addressed. For businesses, what specific actions need to be taken to chart a carbon neutral future? This programme will focus on the environmental factors that are particularly important to Malaysia which will have an impact on organisations as environmental concerns take the lead among sustainability focused investors.

The plantation sector is considered Malaysia's focus area as the world's second largest palm oil producer and exporter, accounting for 25% of world production and 34% of world exports in 2020. Over the last few years, the palm oil industry has increasingly been associated with deforestation, greenhouse gas emissions and overreliance on foreign labour. What would be some of the strategies of plantation companies to alleviate these issues and contribute towards the country's goal of a net zero future?

The recent supply chain crisis has triggered our focus on food security with increasing urbanisation and rising temperatures leading to land scarcity. Beyond guarding population health, food security also brings about sustained economic growth and positive impact on human capital. Similarly, sustainable water management is critical to our health and prosperity and climate change has brought about vulnerabilities to our water systems. Industries and consumers alike have a part to play on efficient water management as part of Malaysia's climate action efforts.

Likewise, greener building and cities reduce the vast amounts of emissions and waste into the environment. At the current pace of urbanisation, future and existing cities need to employ smart technologies and design elements that leads to lower resource use and pollution to build resilience against future climate impacts.

The business case for environmental sustainability is apparent as investors are putting more pressure on companies and their board of directors to pay closer attention to the sustainability and long-term viability of their business and environment.

PROGRAMME OBJECTIVE

This programme will discuss pertinent issues focusing on the environmental factors, which impacts organisations and investors and why these issues are all-important towards an organisation's ESG journey to net zero carbon markets and business long-term performance.

ICF COMPETENCY LEVEL

- Foundational (Product)
- Capital Market Environment (Proficiency Level 3)
- Core
- Risk Management (Proficiency Level 3)
- Behavioural (Organisation Leadership)
- Business Acumen (Proficiency Level 3)

LEARNING OUTCOMES

By the end of this programme, participants will be able to:

- determine the history and components that will drive the future of carbon markets
- describe the environmental factors challenges and opportunities in the plantation sector's activities towards sustainable investment
- explain the environmental factors challenges and opportunities in the agriculture and aquaculture industry
- discuss the game changing trends and approaches to green building design and development in Malaysia

METHODOLOGY

Interactive presentations, case studies discussions and Question-and-Answer (Q&A) sessions

WHO SHOULD REGISTER?

Individuals

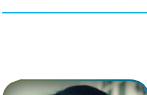
Dealers Representatives, Trading Representatives, Compliance Officers, Auditors, Risk Management Officers, Fund Managers, Analysts, Investors, Academicians, University Students and Public

Institutions

Public Listed Companies, Fund Management Companies, Stockbroking Firms, Investment Banks, Commercial Banks, Insurance Companies, Alternative Financing Platforms, Startups, and Exchanges

WHAT WILL YOU LEARN?

10.00 am	<p>The Future of Carbon Markets</p> <ul style="list-style-type: none"> • Revised Article 6, Paris Agreement - What does it mean to businesses? • Enabling investments in emission-reductions technologies • Reporting framework and guidance for emissions trades between countries • Helping governments and businesses deliver higher climate ambitions • What are the new technologies that could grow as a result of this? • Malaysian PLCs - Increasing demand for high-quality carbon credits <p>Moderator: Shazana Mokhtar Radio Presenter, BFM 89.9</p> <p>Speaker: Cheryl Rita Kaur Fellow & Head, Centre for Straits of Malacca, Maritim Institute of Malaysia (MIMA) Justin Liew Jin Soong Research Associate, Sustainable Development Solutions Network Asia (SDSNA)</p>
11.00 am	Screen Break
11.15 am	<p>Plantation Sector's Road to Net Zero Carbon</p> <ul style="list-style-type: none"> • The move towards a net-zero carbon economy • Are ESG concerns driving local and foreign investors decisions? • Creating a sustainable palm oil industry - Curbing deforestation • Labour practices in the plantation sector • Reliance on energy downstream <p>Moderator: Shazana Mokhtar Radio Presenter, BFM 89.9</p> <p>Speaker: Prof. Ir. Dr. Denny Ng Kok Sum Head, School of Engineering and Physical Sciences, Heriot-Watt University Malaysia Dr Ruslan Abdullah Director, Science, Environment and Sustainability, Malaysian Palm Oil Council (MPOC)</p>
12.15 pm	Lunch
2.30 pm	<p>Road to Sustainability - Sustainable Food and Water</p> <ul style="list-style-type: none"> • How sustainable is water use in Malaysia by consumers and industry? • Not an infinite resource - Looking into sustainable water management practices • Managing food import dependency and carbon footprint • Food sustainability and the modernisation of agriculture and aquaculture • Opportunities - Sectors that thrive in a low-carbon world <p>Moderator: Shazana Mokhtar Radio Presenter, BFM 89.9</p> <p>Speaker: Melissa Ong CEO, Southeast Asia Thought For Food Foundation Dr. Kalithasan Kailasam River Care Program Manager, Global Environmental Centre</p>
3.30 pm	Screen Break
3.45 pm	<p>Accelerating Green Development in Malaysia</p> <ul style="list-style-type: none"> • The importance and benefits of green building • Decarbonisation of the construction sector • Tracking greenhouse gas emissions from construction and occupancy <p>Moderator: Shazana Mokhtar Radio Presenter, BFM 89.9</p> <p>Speaker: BK Sinha Council member, Malaysia Green Building Council (malaysiaGBC)</p>
4.45 pm	End of Programme



MODERATOR

Shazana Mokhtar

Shazana Mokhtar is a producer and presenter with the Morning Run on BFM 89.9, Malaysia's independent business radio station. She also hosts Pressing Matters, the weekly programme on media industry issues and current affairs. Prior to her leap into media, she served with the Ministry of Foreign Affairs Malaysia for seven years, including two years in New York when Malaysia was a member of the United Nations Security Council. She graduated in law from the London School of Economics.

SPEAKERS

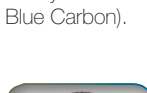


Cheryl Rita Kaur

Cheryl completed her MSc in Marine Science, Policy and Law from the University of Southampton United Kingdom, BSc (Hons.) in Marine Biology from University Malaysia Terengganu (UMT), and a Diploma in Multilateral Environmental Agreements from the University of Eastern Finland.

She is presently the Fellow Head of the Centre for Straits of Malacca at the Maritime Institute of Malaysia (MIMA) national government policy research institute to look into matters relating to Malaysia's interest at sea and to serve as a national focal point for research in the maritime sector.

Cheryl's research interests include in the areas of ocean governance, natural resources, marine protected areas management, and marine pollution. Among her vast experiences include the coordination of a national assessment on the state of the oceans and coasts, with a focus on the blue economy aspects. More specifically, this also included an assessment of the coastal and marine ecosystems in climate change mitigation and carbon stock conservation (i.e., Blue Carbon).



Justin Liew Jin Soong

Justin Liew is a Research Associate at Sustainable Development Solutions Network Asia (SDSNA), with a focus on sustainable development and decarbonisation. Prior to joining SDSNA, Justin was a management consultant at KPMG, and worked on investments and national development at Khazanah Nasional Berhad, Malaysia's sovereign wealth fund. He graduated from Wesleyan University as a Freeman Asian Scholar, and was inducted into Omicron Delta Epsilon, the international honour society for economics. He is also an active member of the Malaysian Youth Delegation, which strives to raise awareness of climate policies in Malaysia and engage with local, national, and international stakeholders in the climate space.

He graduated with a Bachelor of Science (Hons) from the Malaysian Agricultural University (UPM) in 1984. He then pursued and obtained his Ph.D. in 1988 from the University of Nottingham, England with a world breakthrough in the field of Cellular Biotechnology that was published in Nature Biotechnology, New Scientist, Science and highlighted in the New York Times.

Dr Ruslan started his career as a researcher at Kumpulan Guthrie Berhad and later moved to teach at the National University of Malaysia (UKM) as an Associate Professor from 1994 to 2005. Together with his team of post graduate students, Dr Ruslan chart a few other worlds' first in the field of gene manipulation and plant genetic engineering.



Prof. Ir. Dr. Denny Ng Kok Sum

Professor Ir. Dr. Denny K. S. Ng is Head, School of Engineering and Physical Sciences, Heriot-Watt University, Malaysia. Prof Ng is well published over 220 papers with an h-index of 40. His areas of specialisation include net zero optimisation, optimisation of sustainable value chain of palm oil industry, energy management, resource conservation via process integration techniques, synthesis and analysis of biomass processing and integrated bio refineries. He is active in various professional bodies, which include iChemE, Young Scientist Network - Academy of Sciences Malaysia, etc. He is fellow of iChemE, UK; fellow of The Higher Education Academy, UK; Chartered Engineer, Engineering Council, UK; Professional Engineer, Board of Engineers, Malaysia; ASEAN Professional Engineer; Member, Institution of Engineers, Malaysia; Secretary General of Young Scientist Network - Academy of Sciences Malaysia, Chair of Academic Research on Palm Oil Sustainability, etc. With his excellence contributions, he received various international and national recognitions.

Dr Ruslan Abdullah is currently the Director of Science, Environment, and Sustainability at the Malaysian Palm Oil Council. He has been involved in the oil palm industry for more almost 38 years.



Dr Ruslan Abdullah

He graduated with a Bachelor of Science (Hons) from the Malaysian Agricultural University (UPM) in 1984. He then pursued and obtained his Ph.D. in 1988 from the University of Nottingham, England with a world breakthrough in the field of Cellular Biotechnology that was published in Nature Biotechnology, New Scientist, Science and highlighted in the New York Times.

In 2006, Dr Ruslan left UKM to re-join his former employer, Kumpulan Guthrie Berhad as its Director of Research & Development. Following the merger of the Kumpulan Guthrie Berhad, Golden Hope Berhad, and Sime Darby Berhad in 2008, Dr Ruslan was appointed as a Senior Vice President at the new Sime Darby Plantation Berhad. He was also made the Head of Plantation Research and Head of Minamas Research Centre, the R&D arm of Sime Darby in Indonesia. Among other responsibilities, his main task is to improve productivity, optimize crop recovery, and minimize losses.

Dr Ruslan joined Malaysian Palm Oil Association as its Director, Sustainability, and Research & Development in 2014. Later in 2017, Dr Ruslan joined the Malaysian Palm Oil Council as its Director of Science, Environment, and Sustainability.

Melissa has a wealth of over 25 years of APAC regional experience in International Trade, Brand Communications, Market Research, Organisational Development, Social Strategy, Corporate and Internal Communications. Melissa started her career with HSBC, before moving on to IOI Group, KL Sentral (MRCB), and TNS (Kantar) where she was responsible for multiple portfolios covering 33 countries across Asia Pacific, Latin America, Middle East and Africa.

Melissa joined TFF in September 2020 with a regional scope covering Malaysia, Singapore, Indonesia, Philippines, Thailand, Vietnam and Laos. Melissa is to drive forward TFF's work to unlock the potential of the next generations to lead a sustainable food revolution through the development of cutting-edge, locally-relevant, science and technology-based entrepreneurial solutions. Thought For Food is the world's entrepreneurial innovation engine for food and agriculture. We work with more than 25,000 next-generation leaders from over 175 countries, empowering them to generate and scale breakthrough business ventures that build sustainable, inclusive, and resilient food systems.

Melissa was the Chief Executive Officer in Asian Strategy & Leadership Institute (ASLI) for almost 5 years, an independent, non-partisan think tank governed by the not-for-profit Jeffrey Cheah Foundation, which is Malaysia's largest education-focused social enterprise. Melissa left ASLI in August 2020. She joined ASLI in 2016 as Chief Marketing Officer (CMO). She developed ASLI branding strategy and messaging, ASLI Corporate Brand Identity Guidelines and rebranded ASLI Corporate website. She was later appointed as the Chief Operating Officer (COO) and founded ASLI International Trade and Business Advisory Centre (ITBAC) in December 2016, spearheading the centre in international trade and investment advisory.

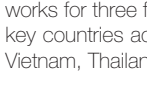
The International Trade and Business Advisory Centre (ITBAC) undertakes the facilitation of market analyses & growth strategies, connecting strategic partners across APAC, UK and Middle East to identify their highest-value opportunities in ASEAN and Asia Pacific region. She provided the international trade advisory works for three foreign governments with main focus in ASEAN, particularly in 7 key countries across South East Asia, namely Singapore, Malaysia, Indonesia, Vietnam, Thailand, Cambodia and Myanmar.

Melissa developed and facilitated a bespoke package of international trade support services for 45 British SMEs, aligned to their explicit commercialization needs as well as advising them on viability and competitiveness of their product/service entering the ASEAN market. She was also embedded in the Government of Hong Kong (INVEST Hong Kong) and the Kingdom of Bahrain (Bahrain Economic Development Board), where she represented these Governments on FDI works in ASEAN.

In 2006, Melissa received two ALM Regional Recognition Awards - The John Smurthwaite Award for Expertise & Innovation for her work in initiating and successfully establishing a brand communication network within the region to achieve consistency in branding and marketing collaterals; and the Developing our People Award for enhancing employee loyalty among Brand Specialists by formalizing their roles and responsibilities in the company. She also received another ALM Regional Recognition Award in 2007 for Elevating Sensitivities in Corporate Culture where she initiated projects to tackle cross cultural issues within offices across the region. Her vast experience and knowledge in corporate social responsibility (CSR) is attributed to her tireless efforts over the last 15 years in managing CSR Social & Community projects regionally. In recognition of her active social contributions to the public communities, she was nominated as the Top Finalist (Commerce) of Malaysian Women of Our Great Times Award. Melissa received the Distinguished Australian Alumni Award in December 2019 awarded by the Australian High Commission and the Malaysia-Australia Alumni Council (MAAC) for recognizing her as an Australian Education alumnus whose outstanding achievements and success has earned her national and international prominence.

Melissa is also a strong advocate of Women Empowerment and Workplace Gender Equality and she had served voluntarily in the National Council Women Organisations Malaysia (NCWO) as the Chairman of their Corporate Women's Network. This network aims to forge a strong and steady women's leadership pipeline model through personal engagement and professional development so as to build advocates within the system who will work towards creating a culture of inclusiveness for both women and men.

Melissa holds an MBA from the University of Sunshine Coast, Australia. In addition to her academic qualification, Melissa is a Certified Professional Trainer (Malaysian Institute of Management), Certified Human Resources Development Fund -PSMB Trainer (Ministry of Human Resources Malaysia), Certified Executive Coach (Singapore Malaysia), Certified MindMap Licensed Instructor (Tony Buzan) in Mind Mapping, Creativity and Innovation, Certified iMindMap Advanced Instructor, Certified Practitioner of NeuroLinguistic Programming and Practitioner of Emotional Freedom Techniques (EFT).



Dr. Kalithasan Kailasam

Dr. Kalithasan Kailasam is currently the Manager of the River Care Programme where he coordinates GEC's work on lake and river management, pollution control and environmental education programme. He attained his PhD from National University of Malaysia in 2001 and joined Global Environment Centre in 2002.

Dr. Kalithasan has over 20 years of working experience in river ecosystem management, particularly on stakeholder engagement and environmental education. He is pioneer on Civic Science and Community Participation in River Management in Malaysia. He has developed a number of key projects related to river basin, water, wetlands and solid waste management through innovative especially nature based approach, as well has vast experience in river basin management, river auditing exercise and community based flood preparedness in Malaysia. He has developed number of programme like RIVER Ranger, SMART Ranger, Flood Ranger and DRH2O. Currently he is project leader for River of Life Public Outreach Programme phase 5, WATER STEWARDSHIP programme, developing Upper Kinta Basin Management plan well empowering Orang Asli on sustainable resource and alternative livelihood initiative mainly in Upper Kinta Basin.

He is recognized as a key expert in water resource and ecosystem management esp. community engagement and has been continuously appointed as advisor, trainer or panel in a wide variety of initiatives, committees and activities by various government department, local authorities, private sectors and civil society. He has also developed guidelines, modules, handbook and published more than 50 technical reports, scientific papers. Dr. Kalithasan can be contacted through email: kalithasan@gec.org.my.



BK Sinha

BK Sinha has over 35 years' experience in the development and management of Environmentally Compliant Projects and Services, in particular Waste to Renewable Energy Projects. The combination of his experience and wealth of knowledge is fuelled by his deep-rooted passion for the emergence of truly sustainable developments in this region;

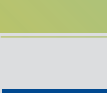
with full Circularity.

BK Sinha is Council member of Malaysia Green Building Council (malaysiaGBC) 2021/2023; an established member of the World Green Building Council (WorldGBC) that has about 70 countries globally as members. The WorldGBC operates through 5 regions. Our region is Asia Pacific Network (APN) of the WorldGBC and BK Sinha recently completed his 2 year appointment as the Regional Vice Chair in 2019.

He holds a tenacious belief in a holistic approach with all stakeholder inclusivity that he applies to all his projects. BK Sinha is respected as a thought leader and mentor in many notable sustainable projects in Malaysia, Maldives, Cambodia and Vietnam.

He is passionate about the environment and endeavours to create sustainable communities, taking into account that the built environment accounts for 40 percent of all waste worldwide, he holds personal the task and responsibility to contribute towards making sustainable buildings and infrastructure in Malaysia the norm rather than the exception. Amongst many other Projects, he is the innovator behind Fat-HopesEnergy (www.fathopesenergy.com), a leader in the region as a premier consolidator and processor of used organic fats, oils and grease to EN standard bio diesel.

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