

CARBON MARKET EXPLAINED: ESSENTIAL GUIDE FOR ASEAN ECONOMIES

4 DECEMBER 2025 | 9.00AM-5.30PM
CONFERENCE HALL, SECURITIES COMMISSION MALAYSIA



WHAT'S THE PROGRAMME ABOUT?

Navigating Carbon Markets for a Low-Carbon Future

Gain a comprehensive understanding of how carbon markets play a vital role in the global transition toward a low-carbon economy. This one-day programme provides in-depth insights into the **fundamentals of voluntary and mandatory carbon markets**, and how **carbon credits** can be strategically leveraged to manage emissions and advance sustainability objectives.

Participants will explore **key regional developments**, including **ASEAN's efforts toward market alignment** and **Malaysia's Bursa Carbon Exchange (BCX)**, as well as **regulatory frameworks** such as the **ASEAN Taxonomy** and **Article 6 of the Paris Agreement**.

By the end of the session, participants will be equipped with the **knowledge and strategic tools** to navigate carbon markets effectively, integrate **carbon pricing into business decisions**, and identify emerging **opportunities in the green economy**.

PROGRAMME OBJECTIVE

This programme is designed to equip participants with a **comprehensive understanding of carbon market mechanisms** and the **strategic integration of carbon pricing** into business planning. It also examines the **associated risks and emerging opportunities for value creation** within the evolving carbon economy.

In addition, the session will delve into the **role of cross-border alignment and regional taxonomies** in fostering a **cohesive and integrated ASEAN carbon market**, supporting the region's transition toward a sustainable, low-carbon future.

ICF COMPETENCY LEVEL

- Foundational (Technical) – Sustainability/SRI Analysis (Proficiency Level 3)
- Functional (Product) – Sustainable and Responsible Investment Products, Capital Market Environment (Proficiency Level 3)
- Behavioural (Organisational Leadership) – Business Acumen (Proficiency Level 3)

LEARNING OUTCOMES

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

- **Describe** the structure and key features of carbon markets within the context of **global frameworks and mechanisms**.
- **Analyse** carbon market developments and assess how **regulatory frameworks** facilitate cross-border cooperation and **regional market integration**.
- **Explain** the role and operational mechanisms of the **Bursa Carbon Exchange (BCX)** in advancing Malaysia's carbon market ecosystem.
- **Discuss** how the **integration of carbon pricing** into business strategy influences organisational risks, opportunities, and overall **strategic direction**.

TARGET AUDIENCE

Individuals

Chief Financial Officers, Accountants, ESG Investors, ESG Fund Managers, Legal Advisors, Fixed Income Managers, Hedge Funds Managers, Impact Investing Fund Managers, Registered Investment Advisors, Attorneys, Corporate Finance and M&A Professionals, Academia.

Organisations

Public Listed Companies (PLCs), Accounting Firms, Legal Firms, Company Secretarial Firms, Consultancy Firms, Fund Management Companies, Stockbroking Firms, Investment Banks, Investment Research Companies, Venture Capitalists, Family Offices, Private Equity Companies, Trustee, Investor Relations Companies, Sustainability and ESG Advocates, Start-ups, Social Enterprises.

PROGRAMME OUTLINE

9:00 am	Foundations of Carbon Markets • Structure of voluntary and mandatory carbon markets • How carbon credits and offsets work - Issuance, standards, retirement - Key concepts: Additionality, permanence, double - counting • Market mechanics: Price dynamics and liquidity factors Global Frameworks and Mechanisms • EU Emissions Trading System (EU ETS) • Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) • Article 6 of the Paris Agreement <i>Session summary: Gain a solid grounding in the structure and operation of carbon markets, covering voluntary and mandatory mechanisms, carbon credits and offsets, and key concepts such as additionality and permanence. The session also explores major global frameworks — including the EU ETS, CORSIA, and Article 6 of the Paris Agreement — that shape international carbon market practices.</i>
10.45 am	ASEAN Carbon Market Developments • Overview of ASEAN countries' carbon initiatives - Indonesia's carbon exchange (IDXCarbon) - Singapore's Climate Impact X - Thailand's TGO Voluntary Emissions Reduction Program (T-VER) • Cross-border market alignment and regional collaboration • ASEAN Taxonomy for sustainable finance and its role • Implementation of Article 6 in the ASEAN context <i>Session Summary: This session explores ASEAN's growing carbon market landscape, highlighting key initiatives such as Indonesia's IDXCarbon, Singapore's Climate Impact X, and Thailand's T-VER programme. Participants will examine regional collaboration efforts, the ASEAN Taxonomy for Sustainable Finance, and the implementation of Article 6, gaining insights into how these developments support a more aligned and integrated ASEAN carbon market.</i>
12.30 pm	Lunch
2.00 pm	Bursa Carbon Exchange (BCX): Advancing Malaysia's Voluntary Carbon Market • Objectives behind BCX's establishment and its alignment with Malaysia's climate commitments and sustainable finance agenda • Overview of BCX: Purpose, platform design & governance • Types of carbon credits listed (e.g., VCS-verified, nature-based) • How the auction system works • Secondary trading mechanics • Who can participate: Eligibility and onboarding <i>Session Summary: This session provides an in-depth look at Malaysia's Bursa Carbon Exchange (BCX) and its role in supporting the nation's climate commitments and sustainable finance agenda. Participants will gain insights into the design, governance, and operation of the BCX platform, including the types of carbon credits listed, auction and secondary trading mechanisms, and eligibility requirements for market participation.</i>
3.30 pm	Break
3.45 pm	Business Strategy and Risks in ASEAN Carbon Markets • Integrating carbon pricing into business planning • Risks: Greenwashing, double counting, market volatility • Opportunities for SMEs and MNCs in offsetting and inssetting <i>Session Summary: This session explores how carbon pricing can be strategically integrated into business planning to support sustainability and competitiveness. Participants will discuss key risks such as greenwashing, double counting, and market volatility, while uncovering emerging opportunities for both SMEs and MNCs in carbon offsetting and inssetting initiatives within the ASEAN region.</i>
5.30 pm	End of Programme

SPEAKER



KOMATHI MARIYAPPAN

Director/Founder of ClimatEra Consulting Sdn Bhd

Komathi Mariyappan is a seasoned sustainability, climate change and carbon management expert with over 20 years of experience across government, private, and NGO sectors. She has led national projects such as the Malaysian Climate Action Simulator 2050, SHELL Carbon Neutral Study, and KL 2017 SEA Games GHG Plan. As Vice President at Bursa Malaysia, she helped establish the Voluntary Carbon Market Blueprint and Bursa Carbon Exchange. Now Founder & Director of Climatera Consulting, she advises on ESG, carbon policy, and market readiness, including the MRV System for Carbon Pricing and the National Carbon Market Policy, advancing Malaysia's low-carbon transition.

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* The SIDC reserves the right to amend the programme as deemed appropriate as without prior notice.

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