

In Collaboration with:



CARBON ACADEMY 2H 2025 TRAINING CALENDAR

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COURSE LEVEL

- **Introductory**
- **Basic**
- **Intermediate**
- **Advanced**

2025 CARBON TRAINING CALENDAR

PROFESSIONALS FOR A LOW-CARBON FUTURE

Join us in 2025 for a series of expert-led training programmes designed to equip professionals with the knowledge and tools to navigate the evolving sustainability landscape. Covering key topics in carbon management, Environmental, Social and Governance (ESG) disclosure, climate risk, and sustainable finance, our courses provide practical insights, regulatory updates, and hands-on learning experiences.

TRAINING TOPICS:

- 1. Introduction to Carbon Management:** Learn the fundamentals of GHG emissions, decarbonisation strategies and global regulations.
- 2. Organisational GHG Emission Calculation & Workshop:** Master the ISO 14064 standard and carbon accounting tools.
- 3. Net Zero Emission & Carbon Neutrality Pathways:** Explore strategic decarbonisation approaches and international standards.
- 4. ESG & Carbon Disclosure:** Understand ESG frameworks, reporting standards, and emerging regulations.
- 5. Sustainable Procurement & Supply Chain Management:** Implement ISO 20400 to integrate sustainability into procurement.
- 6. Product Carbon Footprint & LCA Analysis (ISO 14067:2018):** Conduct life cycle assessments to quantify product emissions.
- 7. Climate Risk Assessment & Management:** Assess physical and transition risks with financial impact analysis.

Each course includes industry case studies, hands-on exercises, and expert guidance to help professionals make informed, data-driven sustainability decisions. Be part of the movement towards a greener, more resilient future!

TRAINING CALENDAR

JULY – SEPTEMBER 2025

No	Course Name	Level	Duration (Days)	July	Aug	Sep
1	Introduction to Carbon Management	Introductory	2	23 & 24	18 & 19	
2	Oganisation Level GHG Emission Calculation and Workshop	Basic	2		19 & 20	
3	Net Zero Emission and Carbon Neutrality Pathways	Basic	2	24 & 25		
4	ESG and Carbon Disclosure	Basic	1	10	6	23
5	Sustainable Procurement and Supply Chain Management	Basic	1			
6	Product Carbon Footprint and LCA Analysis (ISO 14067:2018)	Intermediate	2			
7	Climate Risk Assessment & Management	Advanced (Ad-hoc)	2			

TRAINING CALENDAR

OCTOBER – DECEMBER 2025

No	Course Name	Level	Duration (Days)	Oct	Nov	Dec
1	Introduction to Carbon Management	Introductory	2		24 & 25	8 & 9
2	Oganisation Level GHG Emission Calculation and Workshop	Basic	2			9 & 10
3	Net Zero Emission and Carbon Neutrality Pathways	Basic	2		25 & 26	
4	ESG and Carbon Disclosure	Basic	1	29	28	17
5	Sustainable Procurement and Supply Chain Management	Basic	1		27	
6	Product Carbon Footprint and LCA Analysis (ISO 14067:2018)	Intermediate	2			
7	Climate Risk Assessment & Management	Advanced (Ad-hoc)	2	27 & 28		

IN-HOUSE PROGRAMMES

Programmes listed in the training calendar can be customised and run on an in-house basis. Any specific needs and requirements can be tailored to suit your organisation's goals and objectives. Other programmes that are not listed in our training calendar can also be explored. If you wish to discuss the possibility of having an in-house programme for your organisation, please contact Ms Sakinah Arifin at +603 – 3385 2500 or email at sakinah@ram.com.my.

To request for brochure(s) and for more information about training programmes, please email us at training@ram.com.my.

COURSE DIRECTOR



LEAD TRAINER
Dr Andrew Fang
Senior Expert of Sustainability

Education Background

- **PhD in Water Resources Science**
- **Master of Science in Applied Economics**
- **Bachelor of Science in Environmental Engineering**

License

- **licensed Professional Engineer in the U.S. & Canada**

Dr Andrew Feng Fang, a distinguished Senior Expert in Sustainability at an International Consultancy firm, brings a wealth of academic achievements and professional experience to his role. With over two decades in the field, he has worked across various sectors including a U.S. environmental consulting firm, a U.S. government environmental agency, a green investment private equity firm, and a Southeast Asia-based carbon technology and consulting firm.

His contributions to environmental science and sustainability are bolstered by extensive qualifications and a career marked by significant achievements. Dr Fang has authored numerous research articles in international academic journals, focusing on environmental management, modeling, and chemistry. His work not only advances theoretical understanding but also offers practical solutions to real-world challenges, making him a pivotal figure at the intersection of academia and applied sustainability.

Dr Fang is renowned for his pivotal role in developing essential sustainability tools. He designed carbon emission accounting software aligned with ISO 14064-1/GHG protocol, a system for registering carbon credits under international standards, and an enterprise decarbonisation progress rating system. These tools significantly enhance organisations' ability to manage and reduce their carbon footprints effectively.

His expertise is highly sought-after by a diverse clientele, including U.S. regional and state governmental agencies, international environmental NGOs, and major Southeast Asian corporations. Dr Fang's adeptness in tackling intricate environmental challenges has established him as a trusted advisor and collaborator in numerous high-profile projects.

COURSE DIRECTOR



BACK-UP TRAINER
Frank Zhang
Sustainability Trainer

Education Background

- **MBA from Cornell University, MS in Computer Science from University of Tennessee, Knoxville**

Frank Zhang is a highly accomplished professional with a diverse skill set and a wealth of experience. He holds an MBA from the prestigious Cornell University and a Master's degree in Computer Science from the University of Tennessee, Knoxville.

Frank's career spans over 25 years, during which he has held leadership positions at renowned organizations. He served as the Managing Director of BSI, Greater China, where he oversaw strategic initiatives and business operations. Prior to that, he held senior management roles at Dentsu, IBM, Bank of China, Citibank, and Ernst & Young LLP. This extensive experience has provided him with a deep understanding of various industries and business functions.

As a seasoned trainer, Frank leverages his practical knowledge to deliver engaging and informative sessions. He specializes in areas such as Project Management, Fundamentals of Carbon Management, and Sustainable Investment. His training programs are tailored to meet the specific needs of his clients, and he is skilled at adapting his approach to different learning styles. Frank's impressive track record and expertise have made him a sought-after trainer for organizations such as Huawei, Bao Steel, Lenovo, Xiaomi, Yili Group, Wanda Group, and Haier Group. His ability to combine theoretical knowledge with real-world examples makes his training sessions highly valuable for participants.

COURSE DIRECTOR



BACK-UP TRAINER
Sofea Arisya binti Che Hasni
Sustainability Trainer

Education Background

- Bachelor Of Environmental Science and Technology

Sofea Arisya binti Che Hasni, a Malaysian professional with a Bachelor of Environmental Science and Technology from Universiti Putra Malaysia (2022), has expertise in calculating carbon emissions for industries using precise sector-specific methodologies. She also has experience conducting desktop research on Environmental, Social, and Governance (ESG) disclosures, as well as managing documentation and filing related to ESG ratings and reporting frameworks. Currently serving as a Client Support Analyst (ESG) at MVGX Malaysia since March 2024, she previously worked at myESG Sdn Bhd from 2022 to 2024. Sofea has delivered training on greenhouse gas principles and has worked with prominent clients such as Rating Agency Malaysia (RAM), BDO Indonesia, the Federation of Malaysian Manufacturers (FMM), Pensonic, and Kawan Food.

ABOUT RAM & MVGX

The **RAM Group**, formerly known as Rating Agency Malaysia Berhad, is a leading provider of independent credit ratings, research, training, risk analysis and bond pricing. Established in November 1990 as Malaysia's first credit rating agency, RAM Group transferred its rating operations to RAM Rating Services Berhad (RAM Ratings) on 1 July 2007. RAM Ratings is a wholly owned subsidiary of the Group.

As the largest credit rating agency in Malaysia and ASEAN, RAM Ratings has assessed over USD 480 billion in bonds from more than 750 entities. Its diverse portfolio includes corporates, sovereign nations, financial institutions, insurance companies, project finance and structured finance obligations. Renowned for rating Islamic securities (sukuk), RAM Ratings has won numerous awards in this arena, including the GIFA Power Award (Islamic Rating) at the Global Islamic Finance Awards (GIFA) in 2021, 2022, and 2023, and The Best Islamic Rating Agency (Malaysia) award at The Asset Triple A Islamic Finance Awards 2022. It recently received FocusEconomics Analyst Forecast Awards for first place in Interest Rate Forecasting and second in Inflation Rate Forecasting.

On 26 May 2016, RAM Ratings joined the United Nations-supported Principles for Responsible Investment's Statement on ESG in Credit Ratings, committing to a systematic incorporation of ESG into credit ratings. RAM Group became a member of the United Nations Global Compact on 9 April 2024, reinforcing its dedication to sustainability and corporate responsibility.

Incorporated on 31 May 2000, RAM Sustainability Sdn Bhd is a wholly owned subsidiary offering sustainability services and ESG analytics. It is the first ASEAN-based provider of ESG ratings and second opinions and the first Registered Observer of the International Capital Market Association's Green Bond Principles, Social Bond Principles and Sustainability Bond Guidelines in ASEAN. On 12 August 2020, RAM Sustainability became an Approved Verifier for climate bonds under the Climate Bonds Standard & Certification Scheme.

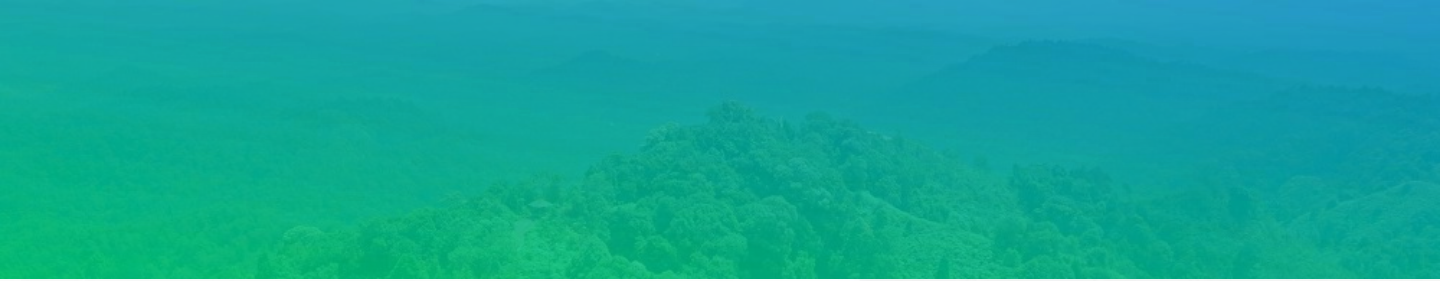
RAM Solutions Sdn Bhd, effective from 1 March 2023, integrated sustainability solutions into its credit opinion business, operating independently of external reviewers. Another subsidiary, Bond Pricing Agency Malaysia Sdn Bhd, is the sole provider of bond-pricing and valuation data on the Malaysian bond market.

Bursa Malaysia RAM Capital Sdn Bhd (BR Capital), incorporated on 27 December 2022 as a joint venture between Bursa Malaysia Berhad (51%) and RAM Holdings Berhad (49%), is a recognised market operator registered with the Securities Commission Malaysia. BR Capital operates a digital platform that allows eligible issuers to raise debt financing through the issuance of investment notes.

For further details, go to <https://www.ram.com.my>.

MVGX Tech Pte. Ltd (MVGX Tech) is a Singapore company established to empower corporations, governments, and institutions to take action at every stage of their decarbonisation journey. MVGX Tech offers Carbon Connect Suite, a collection of Carbon as a Service (CaaS) products consisting of five systems-the carbon management system, the carbon rating system, and the carbon credit development, registry, and trading systems. Carbon Connect Suite is powered by MVGX Tech's proprietary blockchain-enabled technologies including the Non-Fungible Digital Twin (NFDT) and the Carbon Neutrality Token (CNT), a digital carbon credit.

For further details, go to <https://www.mvgxtech.com/#/>.



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