



Forest Carbon Credit

A Practical Guide to Carbon Study and Project Development

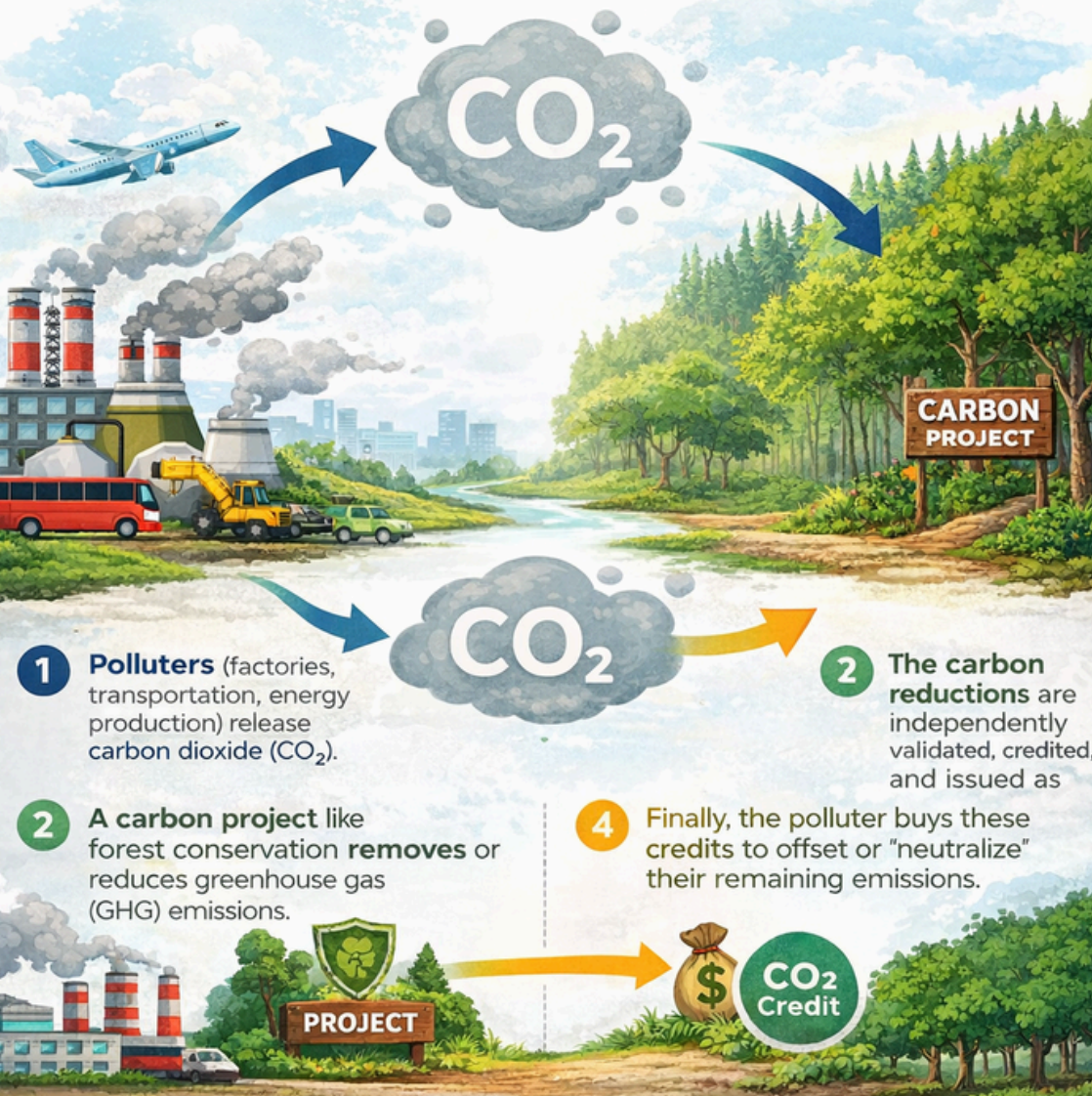
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HOW DO CARBON CREDITS WORK?



1 carbon credit is equivalent to **1 tonne** of **CO₂** being avoided or removed from the atmosphere.

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Disclaimer

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Jeffrey Denis Ridu began his career with a government agency, contributing to a socio-economic development project that deepened his understanding of community needs and rural livelihoods. He then joined a private company that later grew into one of the state's leading plantations, where he gained extensive experience in estate operations, worker welfare, and sustainability practices. Following this, he returned to government service with a land development agency, focusing on Native Customary Rights (NCR) lands and strengthening his expertise in land tenure and community engagement. Academically, Jeff holds a Masters of Science in Plantation Management from Universiti Putra Malaysia (UPM), a Bachelor in Science in Agribusiness from Iowa State University, Ames, USA, and a Diploma in Planting Industry Management from ITM Perlis. His career and education have provided him with exposure to diverse environments both within Malaysia and abroad, enriching his perspective on plantation management and social impact assessment. Jeffrey is an HRD Corp Accredited Train-the-Trainer graduate, fully certified to design, deliver and assess competency-based training. His training and auditing portfolio covers MSPO certification and supply chain, ISO 9001, ISO 14001 and ISO 45001, SA8000 social compliance, ESG and sustainability implementation, GHG calculation internal auditing, environmental audits for mills, labour standards, operational estate management, and legal and regulatory requirements.

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Abdul Khalik Arbi is a highly accomplished and certified professional with 22 years of experience in consultation, specializing in Environment, Safety, Health, and Socio aspects across diverse industries including Plantation, Construction, and Master Plan studies. Possessing a BSc (Hons) in Environmental Science, his expertise is underscored by certifications as a Certified MSPO Lead Auditor, CQI & IRCA ISO 9001:2015 Lead Auditor, QEHS ISO 9001, ISO 45001 and ISO 14001 Lead Auditor, ISCC Auditor, Certified Erosion, Sediment, and Storm Water Inspector (CESSWI), HDRF Certified Trainer, and MS ISO 37001:2016 Anti-Bribery Management System (ABMS). These qualifications and experiences position him strongly in carbon study work, particularly in evaluating sustainability compliance, environmental and social safeguards, land management systems, and operational practices that are essential for establishing credible carbon baselines and supporting project verification. Proven ability to provide comprehensive solutions and ensure compliance with the highest standards of quality, environmental stewardship, safety, ethical conduct, and carbon-related project requirements.



Preface

Forests are no longer viewed only as natural landscapes. They are now recognised as critical climate assets that store carbon, regulate water, protect biodiversity, and support the wellbeing of present and future generations. As interest in carbon credits continues to grow, there is an urgent need for clear and responsible understanding of how forest carbon studies are designed, assessed, and translated into credible projects. Too often, this subject is discussed in fragmented terms through policy, markets, science, or regulation alone.

This seeks to strengthen public awareness that forests must be preserved not only for economic value, but for their wider ecological and social importance. Carbon should not be treated as the only reason to protect forests. Forest conservation remains essential because forests sustain life, climate stability, and environmental resilience. It is hoped that this guide will encourage a more informed and lasting commitment to protecting forests with evidence, integrity, and long-term responsibility.





Statement of Need

Nesus Academy Sdn Bhd presents this book in response to the growing need for a clear and reliable understanding of forest carbon. Forest carbon is no longer a niche subject limited to technical experts, as it now shapes environmental policy, project planning, investment decisions, land stewardship, and public accountability. Despite its increasing importance, many readers still face confusion due to fragmented information, technical terminology, and weak connection between carbon studies, legal requirements, and practical implementation. This book addresses that gap by providing a clear, structured, and accessible guide for readers from academic, professional, industry, and public sectors.

Readers will benefit from this book because it explains how forest carbon studies support credible carbon projects while also highlighting the wider importance of protecting forests for climate stability, biodiversity, water security, and community wellbeing. It helps readers understand not only the opportunities in forest carbon, but also the responsibilities, risks, and governance required to maintain integrity.

For those who wish to gain a deeper and more practical understanding of forest carbon credit, you are warmly invited to join the

Basic Forest Carbon Study Training Course

conducted by Nesus Academy Sdn Bhd, which also provides full access to the complete content of this book.

