

HRD CORP
CLAIMABLE

GENERIC

4 HOURS

PROGRAMME NO.
10001734836

FROM BIOMASS & RESIDUES TO RESOURCE OPPORTUNITIES

EA101 gives oil palm decision-makers a practical management-level introduction to Circular Economy and Waste-to-Wealth. Participants identify major plantation and mill biomass resources, explore value-added applications and resource-recovery options, evaluate opportunities for operational efficiency and ESG performance, and develop a preliminary roadmap before committing to larger technical or investment decisions.



WHAT YOU WILL LEARN

- How Circular Economy and Waste-to-Wealth principles apply to the oil palm industry.
- How to identify major plantation and mill biomass and organic-residue streams, together with their potential value-added applications.
- How biomass and organic residues can become resources that support cost reduction, resource efficiency and productive use.
- How to recognise suitable Waste-to-Wealth technologies and strategies for different operational needs.
- How resource-recovery pathways such as composting, biochar, biological processing and other circular solutions may be evaluated.
- How to compare opportunities based on operational need, site suitability, resource value and practical implementation considerations.
- How Circular Economy initiatives can contribute to cost reduction, environmental sustainability and ESG performance.
- How to develop a preliminary Waste-to-Wealth opportunity roadmap for your organisation.

WHO SHOULD ATTEND?

General Managers • Plantation Owners • Estate Managers • Mill Managers • Sustainability & ESG Officers • Operations Managers • Engineering Managers • Business Owners & Decision Makers

WHAT PARTICIPANTS WILL LEAVE WITH

- A practical understanding of Circular Economy and Waste-to-Wealth principles in the oil palm industry.
- A clearer view of major plantation and mill biomass streams and their potential value-added applications.
- A framework for evaluating Waste-to-Wealth opportunities based on operational efficiency, resource utilisation and site suitability.
- Awareness of resource-recovery pathways, business opportunities and their potential contribution to sustainability and ESG performance.
- A preliminary Waste-to-Wealth roadmap identifying priority biomass resources, improvement opportunities and next steps.

1 UNDERSTAND

2 IDENTIFY RESOURCES

3 EVALUATE OPTIONS

4 PRIORITISE

5 BUILD ROADMAP

EA101 • COURSE OVERVIEW

Waste-to-Wealth: Circular Economy Opportunities for the Oil Palm Industry

FROM BIOMASS & RESIDUES TO RESOURCE OPPORTUNITIES

MODULE 1 Understanding Circular Economy in the Oil Palm Industry	Current industry challenges and business drivers; Circular Economy and Waste-to-Wealth principles; business value of resource recovery.
MODULE 2 Unlocking the Value of Oil Palm Biomass	Plantation biomass resources; mill biomass resources; value-added products and resource-recovery opportunities.
MODULE 3 Waste-to-Wealth Solutions & Business Opportunities	Cost reduction through resource utilisation; Waste-to-Wealth solutions and technologies; Circular Economy case studies and ESG benefits.
MODULE 4 Building a Waste-to-Wealth Roadmap	Identify priority opportunities; develop an implementation roadmap; define action planning and next steps.
COURSE OUTPUT Preliminary Waste-to-Wealth Opportunity Roadmap	Participants identify priority biomass resources, suitable improvement opportunities and practical next steps to form a preliminary organisational Waste-to-Wealth roadmap.

THE 4-HOUR LEARNING JOURNEY

UNDERSTAND → IDENTIFY → EVALUATE → PRIORITISE → ROADMAP

EA101 is the 4-hour management-level entry point for oil palm organisations exploring Circular Economy and Waste-to-Wealth. Participants examine plantation and mill biomass resources, evaluate recovery and value-creation opportunities, and finish with a preliminary roadmap to guide further technical evaluation, pilot work and future investment decisions.

TRAINER & ORGANISATION



Nip Wing Kan
Chairman, Persatuan Petani Organik dan Regeneratif Sabah (SORFA)
SORFA Lead Trainer • Regenerative Agriculture & Circular Economy Practitioner • Field Practitioner • Industry Trainer

The programme draws on SORFA's practical work in biomass utilisation, biochar, composting, biological processing, circular resource use and regenerative agriculture in Sabah.

COURSE ENQUIRY

SORFA — Sabah Organic & Regenerative Farmers Association
www.sorfa.org | chairman@sorfa.org | +60 11 1537 8622

HRD CORP TRAINING PROGRAMME NO. 10001734836 • GENERIC • 4 HOURS

