

AMIN NUSANTARA

Company Profile

STRATEGIC TRANSFORMATION OF THE MALAYSIAN PALM OIL INDUSTRY to extract higher value from the full palm oil value chain and to lead the transition to a **LOW CARBON INDUSTRY**



Through the **MECHANIZATION OF HARVESTING & CROP CARE**, as well as construction of the low-carbon **PALM INDUSTRY CLUSTER**



Amin Nusantara Sdn Bhd

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COMPANY PROFILE

Amin Nusantara Sdn. Bhd. (ANSB) is a Malaysian project development and technology creation company focused on the end-to-end integration of the Palm Oil commodity value chain, from upstream Palm Oil Fruit (FFB) and Palm Biomass harvesting , to downstream processing of Crude (CPO) to Refined Oil (RBD), as well as Oleochemicals and Biomass related products.

The company specializes in the conceptualization, structuring, engineering, financing and implementation of integrated , capital-intensive industrial ventures, with scope spanning across ASEAN and broader regional markets including China and Australia.

Integrated Value Chain Approach

ANSB's core philosophy is that maximum economic value is achieved when upstream, midstream, and downstream activities are integrated and developed as a unified system utilizing a symbiotic win-win economic model to ensure long-term sustainability .

Upstream

Plantation productivity enhancement through mechanization and precision agriculture

Midstream

Unlocking higher value through oleochemicals, biomass utilization, and hydrogen, carbon and bio-based outputs

Downstream

Integrating maritime logistics and port development for efficient handling of palm-based resources

Palm Oil Industry Transformation

ANSB is currently focused on supporting the transformation of the palm oil industry through:

- Mechanization of plantation operations to address labor constraints
- Development of integrated Palm Industry Clusters to increase value output per hectare
- Conversion of biomass into high-value downstream products
- Integration of technologies enabling a low-carbon industry model



FOUNDER PROFILE

Amin Halim Rasip is a Malaysian entrepreneur-engineer with over four decades of experience in the creation, development, and scaling of capital-intensive ventures across maritime, infrastructure, and industrial sectors.

His experience combines engineering expertise, operational leadership, and financial structuring, enabling the successful delivery of complex, multi-stakeholder projects across regional markets.

Key Highlights

- 40+ years in maritime, infrastructure, industrial development and innovation
- Proven track record in originating and scaling large asset platforms
- Extensive experience working with government-linked entities and institutional stakeholders
- Academic foundation in engineering and finance, including Bachelor Degree in Naval Architecture , and Master of Science from the Massachusetts Institute of Technology (MIT)

Owner of Patented Technologies

Harvesting & Crop Care Machine:

Mechanized harvesting and crop care system to reduce labour dependency and improve plantation productivity

De-Fruiting Technology:

System for separating fruitlets and biomass EFB from Fresh Fruit Bunches , prior to the process

Waterless Palm Oil Extraction Method:

Extraction of Crude Palm Oil without the need for Sterilizing process , reducing environmental impact in palm oil processing with higher quality oil output

Gasifier Reactor Technology:

Converts biomass into hydrogen and Carbon-based products, enabling additional revenue streams and carbon credit generation

Inert Gas Fire Suppression System:

Firefighting system for forests, agricultural and industrial plots using Nitrogen inert gas



Image: Harvesting & Crop Care Machine (HCCM) for Palm Oil Tree Fresh Fruit Bunches (FFB) & Oil Palm Fronds (OPF) biomass

TRACK RECORD & DELIVERY CAPABILITY

ANSB's leadership brings a strong track record in developing, scaling, and realising value from infrastructure and industrial platforms in Malaysia and beyond.

Port & Industrial Infrastructure Development

- Co-development of Lumut Port and Pulau Lekir (Manjung Terminal) in partnership with the Perak State Government
- Formation of Integrax Berhad, a listed company on Bursa
- Successful value creation and strategic exit

Shipping & Marine & Engineering Services

- Diversified maritime operations as a shipowner and operator of oil tankers, bulk carriers, cattle carriers, tugs, and offshore support vessels
- Integrated offshore capabilities including engineering, maintenance, and logistic services
- Precision engineering services for the manufacture of Oil & Gas industry equipment (e.g. wellheads, valves & drillbits)

Industrial & Project Development Expertise

- Experience in structuring and executing capital intensive projects across ASEAN and international markets
- Integration of engineering, logistics, and financing into cohesive development models
- Proven ability to align public and private stakeholders in large-scale infrastructure and industrial initiatives



This track record reflects ANSB's capability to move from concept to execution, scaling, and value realisation

PROJECT DEVELOPMENT GROUP

Amin Halim Rasip and ANSB leads the Project Development Group consisting of:

Mohd Ramli Adnan

Plantation & Palm Oil Industry Specialist

Former FELDA senior leader with 37 years of experience across plantation management, harvesting & crop care, and downstream palm oil processing to oleochemicals. Provides critical expertise in operational transformation and industry implementation.

Prof. Dato Ir. Dr. A. Bakar Jaafar

Technology, Sustainability & Policy Advisor

Over 40 years of experience as a visionary and creator in environmental policy, green technology, and research leadership. Former Director General of the Department of Environment and Chairman of Malaysian Green Technology Corporation.

Dato Yusoff Roberts Abdullah

Marine Captain & Maritime Logistics & Trading Specialist

Seasoned Marine Captain Merchant Mariner with 30+ years of experience in international shipping and logistics. Extensive operational & creation background, combined with strong expertise in supply chain integration and trading between commodity buyers & sellers.

Prof. Ir. Dr. Maulud Abdul Latif

Engineering Finance & Project Structuring Specialist

Expert in engineering finance and techno-financial modelling with extensive experience in project feasibility, infrastructure development, and public-private initiatives. Provides financial structuring and long-term project sustainability frameworks.

Abdul Rahim Bin Adam

Project Development | Strategic & Operational Consultant

Strategic and operational consultant with a career spanning public, government, corporate, and international sectors. Experienced in structuring infrastructure and community-driven initiatives that align with national development priorities and social impact.

WE CAN SHOW YOU HOW TO CREATE VALUE FOR YOUR OPERATIONS

ANSB and its Project Development Group bring integrated capabilities across plantation mechanization, industrial cluster development, infrastructure delivery and project financing.

This positions ANSB to support the development of more productive, higher-value, and sustainable palm oil industry through **increased value per hectare, expanded downstream opportunities, and the advancement of low-carbon solutions.**

Contact us

Amin Nusantara Sdn Bhd

Amin Halim Rasip

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BUILDING THE FUTURE

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Through the **MECHANIZATION OF HARVESTING & CROP
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PALM INDUSTRY CLUSTER

To achieve meaningful **INCOME UPLIFTMENT** for
SMALLHOLDERS while creating **NEW ECONOMIC
PATHWAYS** for **WOMEN**