



A-WING GROUP

APRIL 2023



COMPANY PROFILE

OUR BUSINESS

❑ Vision:

Becoming a leading force in driving forward SDGs through supporting ESG investments in Southeast Asia, and expanding to South Asia & East Africa.

❑ Mission:

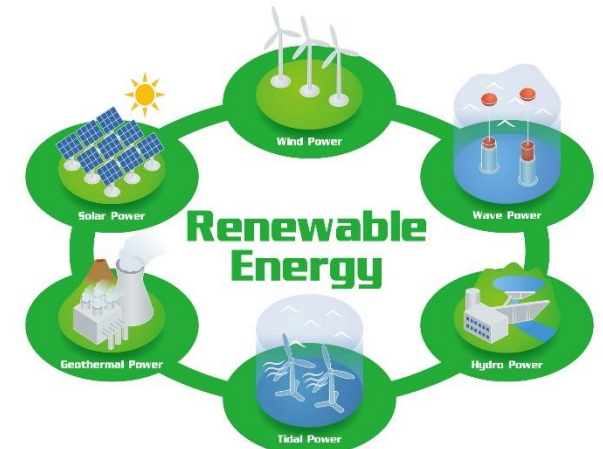
1. Becoming a prominent asset management player (for renewable energy projects) and producer & exporter of: biomass fuels, agricultural products, and new protein sources in Indonesia.
2. Nurturing entrepreneurs related to ESG investments to achieve SDGs and be ready to face **Vulnerability, Uncertainty, Complexity, and Ambiguity.**

Strength

- Business matching (Indonesia, Japan, and others)
- Various types of researches (Private, Government)
- Feasibility studies
- Investment support
- Consulting service



CARBON NEUTRAL
ACCELERATION TEAM
INDONESIA-JAPAN



A-WING GROUP

Group Companies	Country	Establishment	Capital	Descriptions
AAI Co., Ltd	Japan	30-Oct-2012	6,000M Rp	Overseas: Expansion support, Research, Investment. HR development business, Environment, Energy and Resources Consulting.
A-WING International Co., Ltd	Japan	15-Dec-2018	5,000M Rp	Sales of waste related equipment, Manufacture and sale of renewable energy equipment, Sales of environment-related equipment
PT.AWINA SINERGI INTERNATIONAL	Indonesia	14-Feb-2018	10,500M Rp	Trading, Renewable energy business, Bio-fuel business, Sales of renewable energy machinery, Investment business (M&A investment), etc.
PT.AWINA SINERGI INDONESIA	Indonesia	25-Jul-2013	500M Rp	Trading, Energy management consulting, Renewable energy business, biomass fuel business, etc.
PT. BIOMAGG SINERGI INTERNASIONAL	Indonesia	15-Feb-2019	1,000M Rp	Waste collection, Waste disposal, Fertilizer production, Recycling, Aquaculture, Research, Trading, etc.
PT. RASEA AWINA JAKARTA	Indonesia	28-Feb-2019	1,000M Rp	Orange Dental Chain (Dentist Chain). Operates 12 clinics in the Jakarta area.
PT.ARYA WATALA CAPITAL	Indonesia	31-Aug-2009	3,100M Rp	Consulting for renewable energy in Indonesia
ATC	Bangladesh	25-Jan-2020	5,000M Rp	Sales of automobiles and heavy machinery. Trading, Renewable energy business, Bio-fuel business, Consulting, real estate-related business.
PT. COCONUT INTERNATIONAL INDONESIA	Indonesia	3-Mar-2023	5,000M Rp	Manufacturing, sales, export of coconut shell charcoal briquettes, sales of domestic products

PROFILE



Hirohide Nakamura

PT Awina Sinergi International [Chairman]

2012 Invited to APEC

2014 Senior Adviser, Indonesia Chamber of Commerce

2019 Adviser, Indonesia Governors' Association

2019 Japanese Adviser, Indonesia Renewable Energy Association

2019 Director, NPO Japan Indonesia Kaizen Center



Ananda Setiyo Ivannanto

PT Awina Sinergi International [President Director]

Vice Director, Japan Committee, Indonesia Chamber of Commerce

Vice Chairman, International Desk, Indonesia Renewable Energy Association

Vice Chairman, Japan Indonesia Kaizen Center

Vice Director, Indonesia Japan Club

MAIN PROJECTS IN 2023 IN INDONESIA

Renewable Energy

- ARISE, an SPC for renewable energy (Hokuriku 70%, AWINA 30%)
- Planning to establish an IPP with a Hong Kong based company, Wind-magic.
- Planning to establish an SPC with ELM, a manufacture of Sunlight following type base for solar panels.

Carbon Neutral (CO2 Reduction)

- Optimization of energy for buildings, factories.
- Reforestation and Manufacturing of semi-carbonized biomass pellets. (Idemitsu + Sumitomo Forestry + AWINA)
- Structuring carbon credit business scheme.
- Research and implementation of sustainable energy and food production from microalgae-based carbon capture and utilization. This project runs for 5 years from April 2023 to 2027 with the budget of 460M JPY contributed from SATREPS (Fund: JICA+JST/AMED). Consortium: Riken, Euglena, Tokyo University, BRIN, Jawa Power, etc.
- Management of Carbon Neutral Team structured with Japanese top companies.

Consulting

- Sumitomo Forestry: Biomass Fuel, Carbon Credit
- Toyota Tsusho: Power plant, Biomass, Hydrogen
- Tokio Property: Marketing activities for sales of properties in Japan

Feasibility Studies Pilot Projects

- Production and distribution of "Hydrogen" as a new generation energy.
- Utilization of Oil Palm Trunks. (Producing Chemical materials, Palettes, Biogas)
- Energy transmission for EV bus (Trans Jakarta). General waste to electricity.

SPC & Related companies

- ARISE: Marketing activities for solar panels.
- PT CII: Support and improvement of coconut shell charcoal business from multiple aspects (Management, Production, Marketing)
- Biomagg: Production of MAGOT using food wastes, and sell it as feed for aquaculture industries.
- Orange Dental: Management support.

RENEWABLE ENERGY - ARISE



Renewable Energy

HOKURIKU

Leading EPC of Renewable Energy in Japan
can now provide a Japanese quality in Indonesia.

Share: 70%

PT.AWINA & AAI co. Ltd.

Networks, Experience in Indonesia

Share: 30%

ARISE

PT.Awina Rikudenko Solar Engineering Indonesia

Jointed Together to Provide the Higher Benefits

Capital: 10,000,000,000Rp



CARBON NEUTRAL ACCELERATION TEAM



Carbon Neutral

The Carbon Neutral Acceleration Team was formed to provide the best solutions with Japanese technologies for the sustainable development of Indonesian companies. A-Wing Group takes an initiative of organizing this team. We only had 3 Japanese players at the beginning, but now we have more than 20 solution partners including the following Japanese companies to provide the accurate and quick answers for the accomplishment of carbon neutrality.



PRODUCTION OF HYDROGEN

GREEN HYDROGEN PRODUCTION AND USE



Taking-off to the next stage

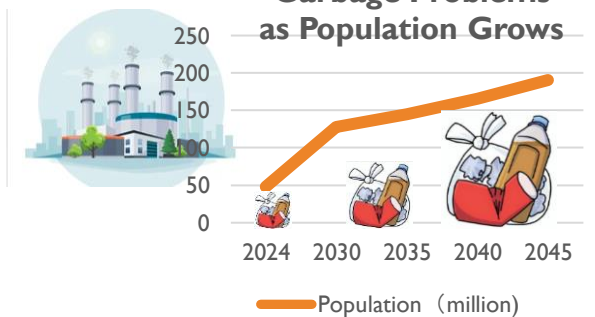
A-Wing Group and its supporting companies, “CARBON NEUTRAL ACCELERATION TEAM“, are striving to the common global issue of carbon neutrality. We believe “Hydrogen” as one of the best solutions to alternate the fossil fuel. In order to achieve the common goal, the companies bring their technologies and know-hows. BRIN (National Research and Innovation Agency of Indonesia) and IFHE (Indonesia Fuel Cell and Hydrogen Energy) also share their experiences to our team.

We are planning to establish a special purpose company to produce and distribute the green hydrogen.

Targets:

1. Defining the 10-year forecast plan.
2. Implementation of projects that IFHE plans.
3. Supply of the green hydrogen to MIRAI, Toyota’s Fuel Cell Electric Vehicle.
4. Becoming a distributor of ENAPTER, Italian leading manufacturer of hydrogen electrolyser.
5. Collaboration with Japanese hydrogen manufactures.
6. Development of the hydrogen supply system with waste-generated electricity in the new capitol.

Nusantara



UTILIZATION OF “OIL PALM TRUNKS” (OPT)

F/S & Pilot Project

- Palm trees are replanted after they get to 20-25 years old.
- OPT cannot be left in the plantation fields due to vermin, bacteria, fungus issues which are harmful for palm plantation.
- Usually, OPT is cut into chips which is the COST for plantation companies, therefore, a profitable scheme of utilizing OPT can be appreciated.

A-Wing Group is planning to proceed the F/S and the pilot scale project in 2023 in Belitung Island with the bioconversion technology brought by Green Earth Institute.

Partners:

- KOWA EMORI (chemicals)
- TOYOTA TSUSHO (pellets)

Green Earth Institute (GEI) Co., Ltd.

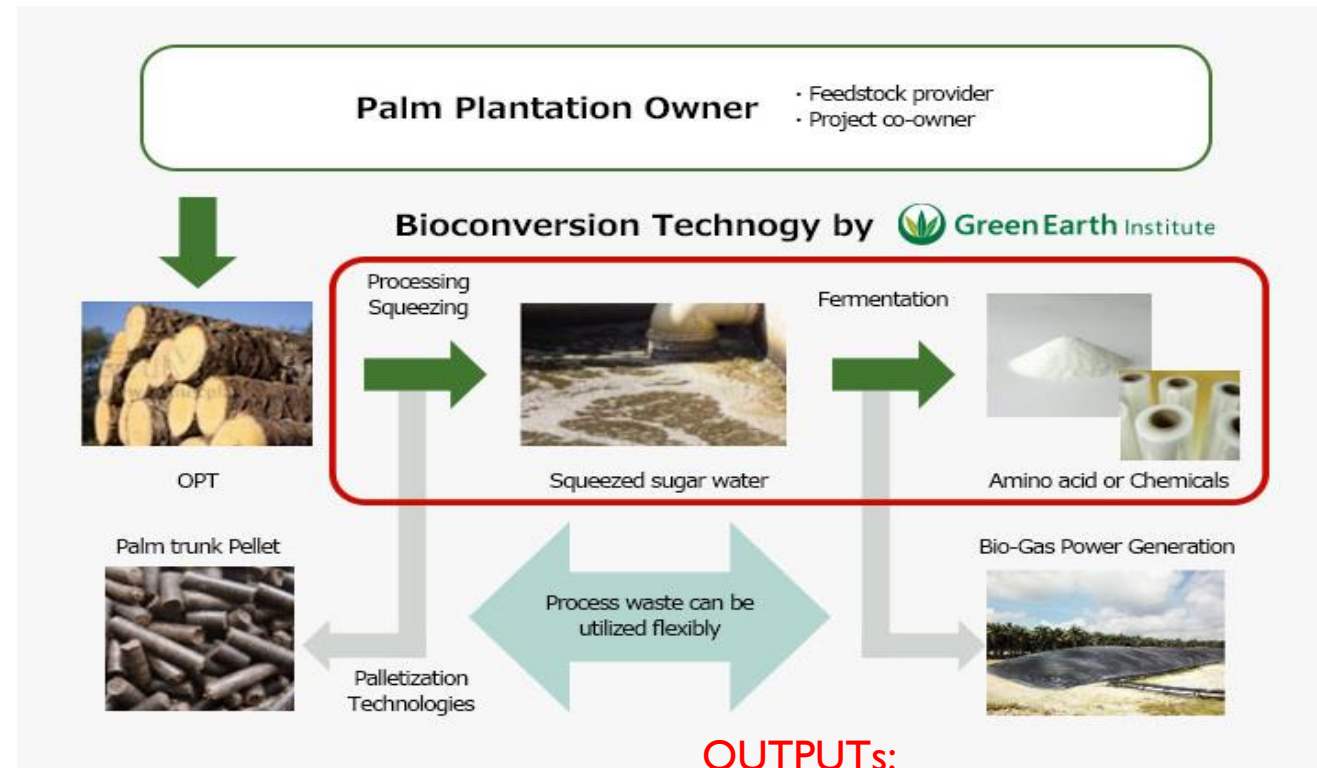
■ Established: September 1, 2011

■ Tokyo Univ. Ventures (Mothers-listed company)

■ Chief Executive Officer (CEO) Tomohito Ihara

[Career History]

- Graduated from the University of Tokyo, Faculty of Law.
- Joined the Ministry of Economy, Trade and Industry (METI). In charge of electric power administration at the Agency for Natural Resources and Energy.
- Job mutation to Recruit Corporation (in charge of supporting commercialization of university-originated technologies)
- Cabinet Secretary, National Strategy Office (in charge of energy policy)
- CEO of the Green Earth Institute.



INPUT: OPT

>>>

OUTPUTS:

- 1) Chemical materials
- 2) Palm Trunk Pellet
- 3) Bio-Gas Power Generation

COCONUT SHELL CHARCOAL BRIQUETTES



Related Company

A-Wing Group invested and established PT. Coconut International Indonesia (CII) to produce and sell coconut shell charcoal briquettes in Makassar, South Sulawesi. PT. CII focus on an efficiency of production and an international standard of marketing and management with Japanese know-hows.

We produce the premium quality briquettes with the selected raw materials which is 100% from South Sulawesi, and mainly export to the middle east and Europe.

We started with the monthly sales of 1,000M Rp, but our sales target is not that small. By increasing production capacity by May 2023 and working aggressively on sales activities, our monthly revenue will reach to 4,000M Rp by the end of 2023.



We also focus on the research and development of other products using coconuts such as Coconut Oil, Desiccated Coconuts, Cocopeat, Coconut Fiber, etc.

PREMIUM QUALITY
COCONUT CHARCOAL BRIQUETTES
SULAWESI INDONESIA



PT. COCONUT INTERNATIONAL INDONESIA

	2023	2024	2025
Revenue	33,210M	83,025M	138,375M
Gross Profit	6,188M	15,417M	25,785M
EBITDA	3,474M	9,177M	18,531M

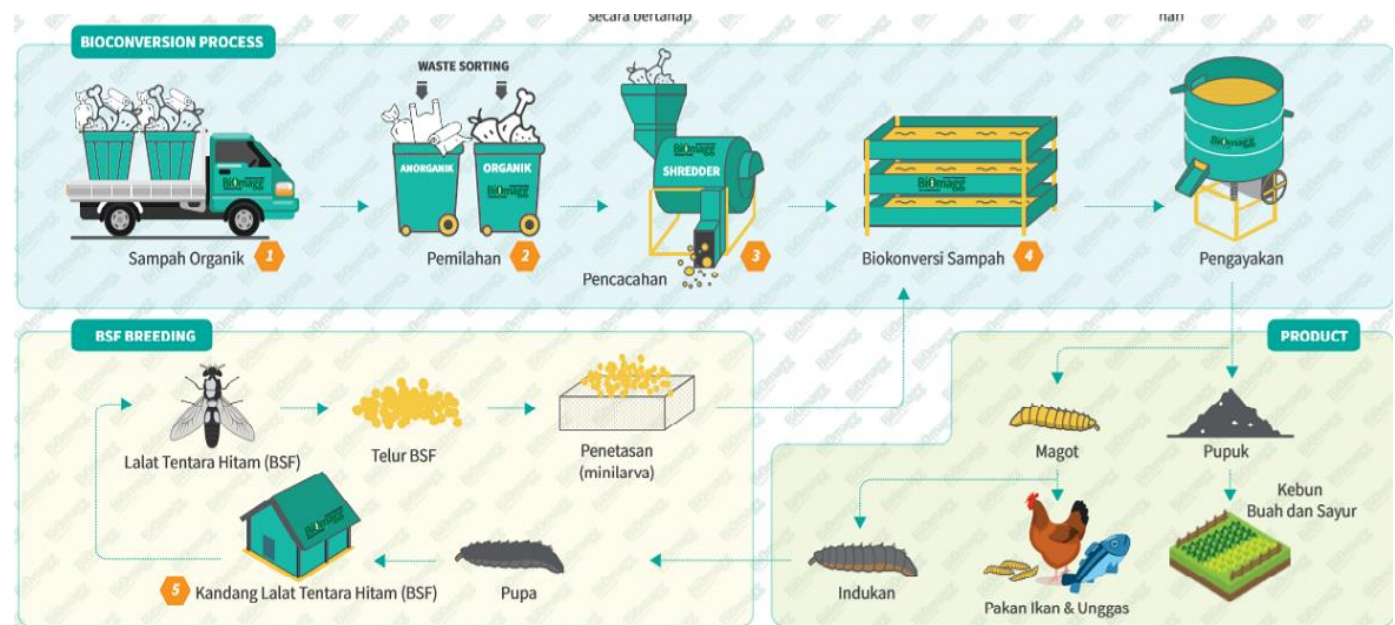
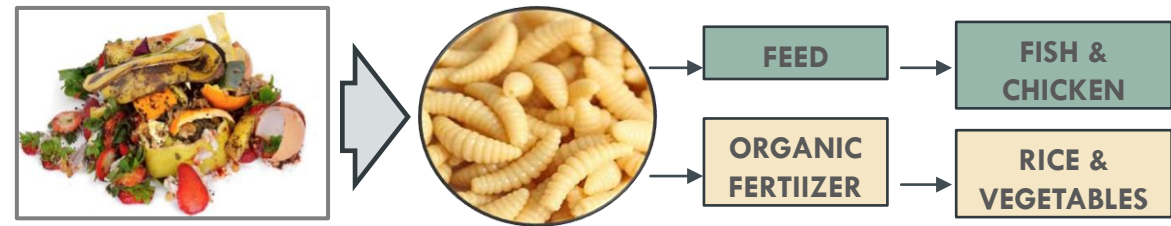
BIOMAGG



Related Company

A-Wing Group invested to a “Maggot” business which can provide two valuable outputs, the feed for aquaculture and the fertilizer for agriculture. In addition to the outputs, this business brings a solution for utilization of food wastes.

We manage the system of waste collection, waste disposal, feed and fertilizer production, and distribution of products.





Thank You !
ありがとうございます！