



MINISTRY OF INVESTMENT AND DOWNSTREAM INDUSTRY/
INDONESIA INVESTMENT COORDINATING BOARD

PROJECT INVESTMENT OPPORTUNITIES CATALOGUE

Invest in Indonesia, today.



Series A. Investment Project Opportunities
in the Industrial Sector

Series B. Investment Project Opportunities
in the Non-Industrial and Tourism Sectors



***MINISTRY OF INVESTMENT AND DOWNSTREAM INDUSTRY/
INDONESIA INVESTMENT COORDINATING BOARD***

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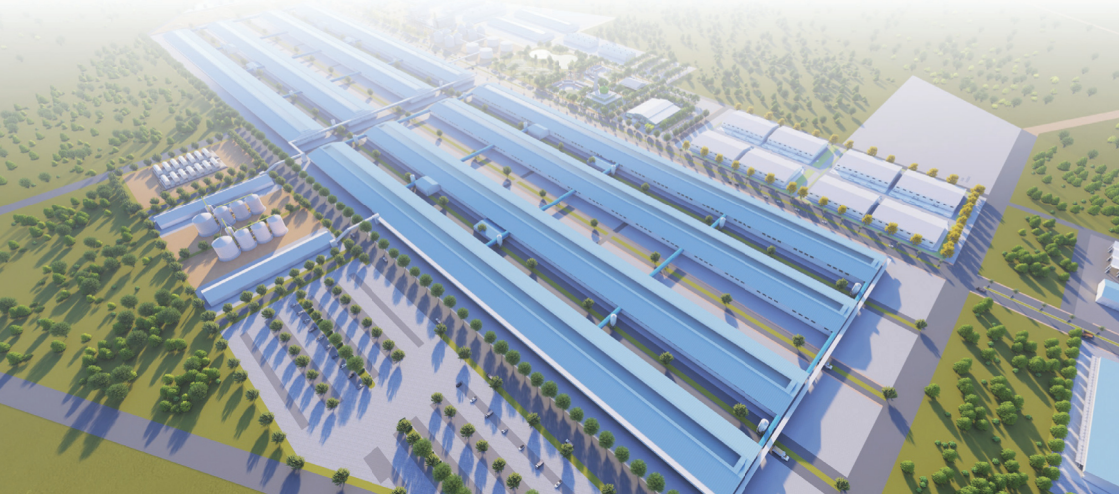


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Fatty Amine Industry

📍 Bontang, East Kalimantan



Indonesian Standard Industrial Classification (ISIC) Code

20115 20118



Investment Value IDR 1.88 trillion

NPV
IDR 743 billion
IRR
16.28%
Payback Period
8 years

Raw Materials

- CPD/CPKO (24,500 tons per annum)
- Ammonia (3,000 tons per annum)

Production Capacity

- Products:
- Fatty Amine (20,000 tons per annum)
 - Glycerol (4,000 tons per annum)

Incentives

- Import Duty Exemption Minister of Finance Regulation No. 188/2015 in conjunction with PMK No. 176/2009
- Public Service Agency Tariff Palm Oil Plantation Fund Management Agency at the Ministry of Finance
- Sustainable Plantation Development East Kalimantan Regional Regulation No. 07 of 2018
- Guidelines and Procedures for Risk-Based Business Licensing Services and Investment Facilities
- Tax Holiday *) Minister of Finance Regulation No. 130/PMK,010/2020

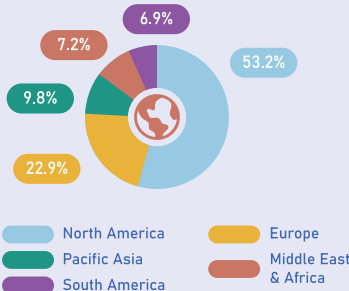
Fatty Amine is a key downstream product derived from palm oil, essential as a raw material in the consumer goods industry. It is a high-value product with profit margins ranging from **22% to 35%**. The global Fatty Amines market has an annual potential of **1.7 million tons**, growing at a rate of **6.6%** per year.

In Indonesia, current demand for **Fatty Amine** is entirely met by imports, highlighting a strong opportunity for domestic production. This proposed facility will have a capacity of **20 KTA**, requiring **24.5 KTA** of crude palm oil (CPO) or crude palm kernel oil (CPKO), sourced from plantations in East Kutai.

Located in the **Kaltim Industrial Estate (KIE)** in Bontang, the plant will benefit from access to robust infrastructure, including power, water, nitrogen, docking facilities, and proximity to an ammonia plant. Its main outputs will be primary, secondary, and tertiary amines, with glycerol produced as a by-product through hydrolysis and amination processes.

Supply & Demand

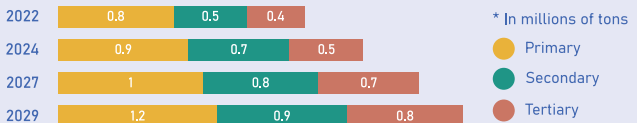
Global Market Share



Market Growth Projection



Market Growth of Fatty Amine Products



Source : Maximize Market Research, 2022



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Tin Downstream Industry

📍 Gresik, West Java



Indonesian Standard Industrial Classification (ISIC) Code

24202 20114



Investment Value IDR 4.17 trillion

NPV

IDR 2.1 trillion

IRR

17.16%

Payback Period

8.1 years

Raw Materials

Tin Ingot
(19,000 tons per annum)

Production Capacity

Products:

- Tin Chemical (30,000 tons per annum)
- Tin Ribbon (10,000 tons per annum)
- Tin Solder (10,000 tons per annum)

Incentives

- Ministry of Finance Regulation No. 33/PMK.010/2021
- Gresik Regency Regulation No. 8 of 2020
- Non-Fiscal Incentive-Special Economic Zone (KEK) (Government Regulation No. 40 of 2021)
- Indonesia Investment Coordinating Board Regulation No. 2 of 2021

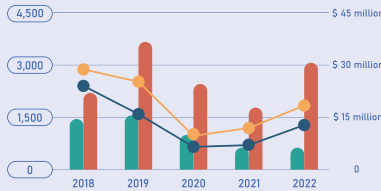
Tin Industry Downstreaming is the process of transforming tin ingots into higher-value products, such as tin solder, tin ribbon, and tin chemicals. This crucial step aims to reduce Indonesia's dependency on imports, which currently account for **more than 50%** of the country's tin derivative products, valued at approximately **USD 150 million**.

Tin downstreaming also supports green technology development, including electric vehicles and solar panels. As the world's second-largest tin ingot producer, with an annual production of **70-80 thousand tons**, Indonesia has significant potential to develop this industry further.

Supply & Demand



Tin Solder

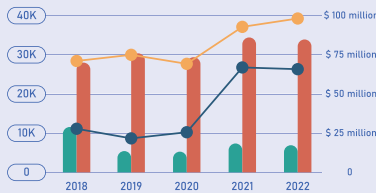


● Export tons ● \$ Export
● Import tons ● \$ Import

Over the past five years, imports have reached **1.6-3.2 thousand tons**, valued at approximately **USD 10-18 million**. Demand is expected to grow by **3.8% annually** as 5G and electric vehicle technologies continue to advance.



Tin Chemical



Imports have reached **28-34 thousand tons**, valued at approximately **USD 70-101 million**. Infrastructure growth is expected to drive up demand for PVC production.



Tin Ribbon



The demand of **1.5-3.7 thousand tons**, valued at **USD 28-51 million**, is currently supplied through imports, presenting a significant opportunity for the domestic industry.



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Bauxite Downstream Industry

📍 Ketapang, West Kalimantan

IS IC Indonesian Standard Industrial Classification (ISIC) Code
24202

Investment Value
IDR 37.18 trillion

NPV
IDR 21.37 trillion
IRR
17.53%
Payback Period
7.98 years

Raw Materials

Smelter Grade Alumina (SGA)
(1,000,000 tons per annum)

Production Capacity

Products:

- Aluminum Alloy (100,000 tons per annum)
- Aluminum Billet (250,000 tons per annum)
- Aluminum Slab (150,000 tons per annum)

Incentives

- Industrial Estate Ketapang Head of Regent Regulation No. 84 of 2022
- Super Tax Deduction Ministry of Finance Regulation No. 153/PMK.010/2020
- Import Duty Exemption Facility for Machinery/ Goods and Materials Import Ministry of Finance Regulation No. 188/PMK.010/2015 in conjunction with Ministry of Finance Regulation No. 176/PMK011/2009

The **Bauxite Downstreaming Industry** involves processing bauxite ore into higher-value products such as alumina and aluminum. This initiative aligns with **Law No. 3 of 2020**, which prohibits the export of raw bauxite ore to enhance domestic added value. With domestic aluminum demand reaching **1–2 million tons** annually—driven by needs in the construction sector, renewable energy (e.g., solar panels), and electric vehicle components—current production of **250,000 tons** falls short. As a result, imports are necessary to bridge the gap and meet demand.

The Ketapang Industrial Estate, spanning **2,150 hectares** and managed by **PT Ketapang Bangun Sarana**, is a promising center for bauxite downstream processing. Strategically located near key sources of raw materials, this area is well-supported by essential infrastructure, including road networks, dedicated ports, and telecommunications facilities, making it a strong candidate for industrial growth in bauxite-related industries.

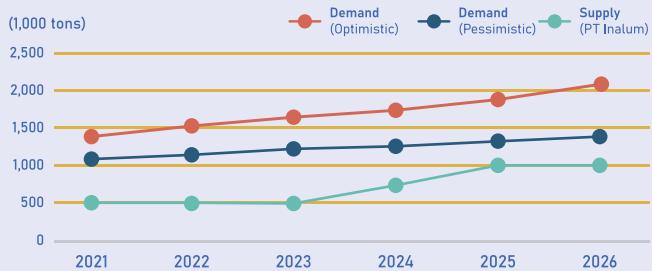
To meet the growing demand for electrical energy in the Ketapang Industrial Estate, investment in an economical coal-fired power plant is essential. This development would ensure a stable and optimal electricity supply, supporting the industrial activities and growth in the area.

Supply & Demand | Market Share

- **1 million tons** of Smelter Grade Alumina (SGA) needed as raw materials
- Raw materials sourced from **PT Borneo Alumindo Prima** and **PT Well Harvest Winning**
- Strong international aluminum demand, with key markets in **China, the US, Japan, Germany, and South Korea.**



Aluminum Supply and Demand Projection



Source: Inalum Annual Report5(processed)



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Natural Rubber Based Medical Instruments

📍 Deliserdang, North Sumatera

IS IC Indonesian Standard Industrial Classification (ISIC) Code
22194

Investment Value
IDR 367 billion

NPV
IDR 305.72 billion

IRR
20.07%

Payback Period
5.1 years

Raw Materials

Concentrated Latex
(916,000 liters per annum)

Production Capacity

Products:

- Gloves (1.07 billion pieces per annum)
- Condoms (450,000 gross per annum)

Incentives

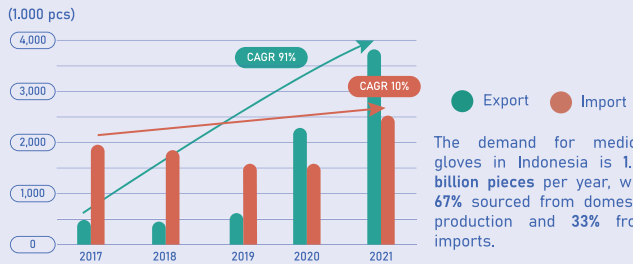
- **Tax Allowances**
Government Regulation No. 78 of 2019 and Minister of Finance Regulation No. 11/PMK.010/2020 in conjunction with Minister of Finance Regulation No. 96/PMK.010/2020
- **Import Duty Facility**
Minister of Finance Regulation No. 176/2009 in conjunction with No. 188/PMK.010/2015 and Investment Coordinating Board No. 4 of 2001

North Sumatera is the third-largest natural rubber producer in Indonesia. The rising demand for medical gloves since the COVID-19 pandemic, along with the need for contraceptive products like condoms, presents a strategic opportunity to enhance export competitiveness in this sector.

The abundant supply of concentrated latex has attracted investors. The **Medan Industrial Estate (KIM)** offers an ideal location for the medical equipment industry, with a total area of **3 hectares**. Strategically located just 13.4 km from the seaport and 45.2 km from the airport, KIM is equipped with reliable infrastructure that ensures efficient distribution.

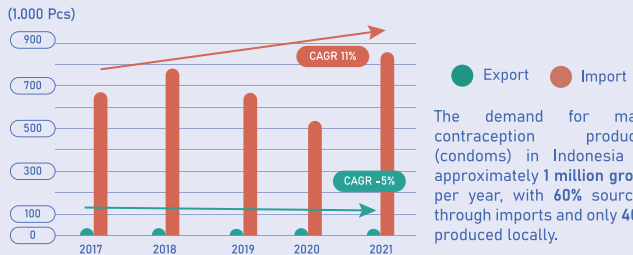
Market Condition

Gloves Export vs Import



The demand for medical gloves in Indonesia is **1.45 billion pieces** per year, with **67%** sourced from domestic production and **33%** from imports.

Male Contraception Products (Condom) Export vs Import



The demand for male contraception products (condoms) in Indonesia is approximately **1 million gross** per year, with **60%** sourced through imports and only **40%** produced locally.

Source: UN Comtrade, 2022



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Aircraft Tire Industry from Natural Rubber

📍 Majalengka, West Java

IS IC Indonesian Standard Industrial Classification (ISIC) Code
 22111 22112

Investment Value
 IDR 2.73 trillion

NPV
 IDR 113.6 billion
IRR
 12.75%
Payback Period
 9.75 years

Raw Materials

Natural Rubber
 (3,200,000 tons per annum)

Production Capacity

- Products:
- Brand New Aircraft Tire (83.800 units/year)
 - Rethreading Tire (155.500 units/year)

Incentives

- Super Deduction Government Regulation No. 45 of 2019
- Tax Holiday Minister of Finance Regulation No. 130/PMK.010/2020
- Government Support Government Regulation No. 28 of 2021 and West Java Governor Regulation No. 84 of 2020
- Import Duty Facility Ministry of Finance Regulation No. 176/2009 in conjunction with No. 188/PMK.010/2015 dan the Investment Coordinating Agency Regulation No. 4 of 2001

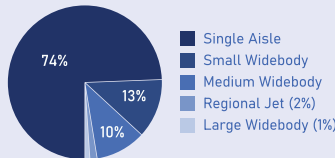
As the world's second-largest producer of natural rubber, Indonesia has the potential to develop an aircraft tire industry in the **Kertajati International Industrial Estate (KIEM)**, Majalengka. Situated within the Rebana Triangle—envisioned as a hub for the aviation industry—this area offers excellent access to both Kertajati International Airport and Patimban Seaport.

Supported by raw materials from **PT Perkebunan Nusantara**, this industry aims to meet domestic demand and reduce imports, especially as global demand for aircraft tires is projected to grow by **3.2% annually until 2030**.

Market Condition

By 2030, the number of aircraft in the Asia-Pacific region is estimated to reach **15,400 units**, representing **45.3%** of the global fleet. This market is dominated by **single-aisle aircraft**, accounting for **74%** (or **11,396 units**) of the total Asia-Pacific fleet. In Indonesia, **single-aisle aircraft** make up **80%** of all registered aircraft, or approximately **440 units**.

Source: 5Goodyear Thailand5(2016)5and consultancy.eu5(2021)



| Aircraft Tire Demand/Year | |
|------------------------------|-----------------------------|
| Asia Pacific | Indonesia |
| 1,108,000 units | 52,920 units |
| (820,512 single aisle units) | (42,336 single aisle units) |

Production Target
 (Ton per year)



Natural rubber Production
 (2021)

National **3.2 million**
 Domestic Consumption **789,422**
 Export **2.3 million**



Ribbed smoked sheet production
 (2021)

National **138,004**
 PTPN VIII (RSS 1) **11,000**



Raw material demand

RSS 1 **6,166**



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Bioethanol Industry

📍 Bojonegoro, East Java



Indonesian Standard Industrial Classification (ISIC) Code

20115 46651

46610



Investment Value
IDR 2.81 trillion

NPV

IDR 659.44 billion

IRR

12.8%

Payback Period

7.6 years

Raw Materials

100% local corn
337,500 tons per annum

Production Capacity

Main Product:

- Bioethanol (100,000 tons per annum)

By-product:

- DDGS (Distillers Dried Grains with Solubles) (29,000 tons per annum)

Incentives

- Tax Allowances
Government Regulation No. 78 of 2019 and Minister of Finance Regulation No. 11/PMK.010/2020 in conjunction with Minister of Finance Regulation No. 9/PMK.010/2020
- Import Facility
(Minister of Finance Regulation No. 176/PMK.011/2009 in conjunction with No. 183/PMK.010/2015), (Minister of Finance Regulation No. 66/PMK.010/2015), and (Minister of Finance Regulation No. 116/PMK.04/2019)

The bioethanol industry in Indonesia is projected as a renewable alternative fuel that will serve as a substitute and blend for gasoline. This initiative aligns with global policies to reduce fuel imports and address environmental issues by transitioning to new renewable energy sources.

The plan to establish a bioethanol facility will span **10 hectares** in the **Industrial Allocation Area (KPI) of Gayam District, Bojonegoro Regency**. This location was selected due to its access to raw materials, proximity to offtakers in Tuban, and strong infrastructure support.

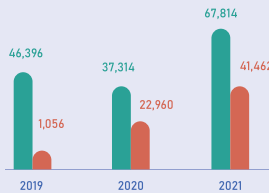
This industry will use corn as its primary raw material, with a production capacity of **100 kilo tons** per year (KTA), requiring **337,500 tons** of dry corn kernels annually, sourced from **30,000 hectares** of cultivated land. A three-party collaboration between Perum Perhutani, the Forest Village Community Institution (LMDH), and investors will ensure a stable supply of corn without competing with food resources.

Bioethanol will be used in several gasoline blending schemes, including A20, A6, and E5, with PT Pertamina (Persero) as the main offtaker. Additionally, a by-product, Distilled Dried Grain with Solubles (DDGS), can be utilized as a protein-rich animal feed.

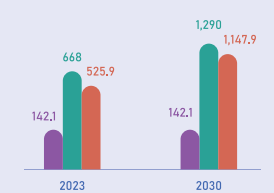
Market Condition

The national fuel-grade bioethanol supply of **40 KTA** can meet only about **3%** of Pertamina's demand, which was **668 KTA** in 2023. This leaves a gap of **643 KTA** that must be filled through imports.

Indonesia's Ethanol (kL per annum)



Bioethanol Supply vs Demand vs Gap



● Export ● Import ● Supply ● Demand ● Gap

Source: Minister of Industry and Trade, 2021



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High Purity Aluminum Ingots Industry as Raw Material for Electronic Components

📍 Ketapang, West Kalimantan



Indonesian Standard Industrial Classification (ISIC) Code

24202



Investment Value
IDR 4,48 trillion

NPV

IDR 4.65 trillion

IRR

14.46%

Payback Period

6.9 years

Raw Materials

- Smelter Grade Alumina (SGA) (152,400 tons per annum)
- Petroleum Coke & Liquid Pitch - Anoda (36,000 tons per annum)

Production Capacity

Products:

- Aluminum Ingots (80,000 tons per annum)

Incentives

- Industrial Estate
Head of Ketapang Regency Regulation No. 84 of 2022
- Import Duty Facility
Minister of Finance Regulation No. 176/2009 in conjunction with No. 188/PMK.010/2015 and Investment Coordinating Board Regulation No. 4 of 2017)
- Tax Holiday
Government Regulation No. 78/2019, Minister of Finance Regulation No. 96/PMK.010/2020, Investment Coordinating Board Regulation No. 5/2020, and Minister of Investment Regulation No. 1 of 2022)

The High Purity Aluminum Ingots Industry in West Kalimantan focuses on processing Smelter Grade Alumina (SGA) into aluminum ingots with a purity of 99.99%. With over 60% of Indonesia's national bauxite reserves, West Kalimantan is a strategic location for this project. Targeting an annual production capacity of 80,000 tons, these high-purity aluminum ingots will serve as raw materials for aluminum-based electronic components.

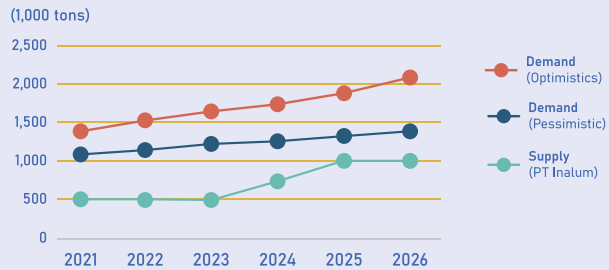
The facility will be developed in the Ketapang Industrial Area, which spans 2,150 hectares and holds a 'clean and clear' land status. Located 60 km from the city center and 63 km from Rahadi Oesman Airport, the area is equipped with a Special Terminal to support logistical needs. It also features a fiber optic network for telecommunications and energy infrastructure, including a 150 kV High Voltage Air Line (SUTT) and the nearby 30 MW Kendawangan Main Substation.

This industry marks a strategic step in the downstream processing of bauxite, aligning with the National Industrial Development Master Plan (RIPIN) and addressing rising market demand for electronic components. In addition to adding value to natural resources, this project is expected to create jobs and stimulate local economic growth.

Market Condition



Aluminum Supply and Demand Forecasts



In 2025, domestic demand is estimated to reach 1.9 million tons, with domestic production capacity expected to meet only 73.5% of this demand.

Source: Inalum Annual Report(5(processed)



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Independent Pharmaceutical Salts Industry

📍 Gresik, East Java



Indonesian Standard Industrial Classification (ISIC) Code

21011



Investment Value
IDR 607,95 billion

NPV

IDR 73 billion

IRR

14,52%

Payback Period

6 years

Raw Materials

97% NaCl salt from Gresik (50,000 tons per annum)

Production Capacity

Product:

- 100% Local Pharmaceutical Salt (10,480 tons per annum)

Incentives

- **Import Duty Facility**
Minister of Finance Regulation No. 176 of 2009 in conjunction with No 188/PMK.010/2015 and Investment Coordinating Board Regulation No. 4 of 2001
- **Tax Allowance**
Government Regulation No. 78/2019, Minister of Finance Regulation No. 96/PMK.010/2020 and Ministry of Investment Regulation No. 1 of 2022)

The Indonesian pharmaceutical industry currently relies on imports for approximately 851 types of Active Pharmaceutical Ingredients (APIs) and 441 types of excipients, which account for 25-30% of total drug production costs. One of the critical raw materials is pharmaceutical-grade salt, with a NaCl content of over 99.8%, which serves as both an API and an excipient.

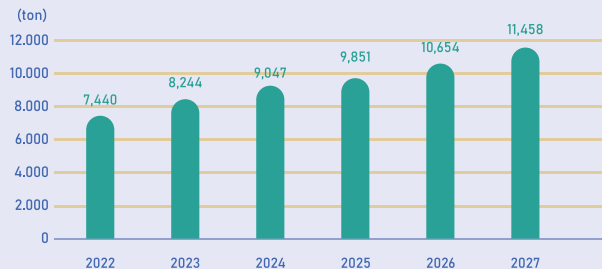
The plan to establish this industry will be executed on PT Garam's land in Manyar District, Gresik Regency, covering a factory area of 1,5 hectares. This location was selected due to its supporting facilities, including access to clean water, electricity, and waste processing, as well as excellent connectivity by land, sea, and air. The Manyar toll gate is just a 2-minute drive away, and the JIPE port is around 25 minutes away.

In line with the government's salt commodity downstream program, **Presidential Regulation Number 126 of 2022 on the Acceleration of National Salt Development** has been issued. With this support and the industry's existing potential, the independent pharmaceutical salt industry is expected to enhance the self-sufficiency and resilience of the national pharmaceutical sector, while also improving the productivity and quality of domestically produced salt.

Market Condition

Pharmaceutical salt is used in various products, including infusion solutions, hemodialysis fluids, vaccine solvents, syrups, and oral rehydration salts (ORS). Demand for pharmaceutical salt is estimated to reach 5,000-7,000 tons per year, currently met through imports, with an expected average annual increase of 8% over the next six years.

Pharmaceutical Salts Demand Forecasts



Source: Analysis Result, 2022



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Corn Processing Industry for Animal Feed

📍 Gorontalo, Gorontalo

IS
IC

Indonesian Standard Industrial Classification (ISIC) Code

10801

💰

Investment Value
IDR 797.19 billion

NPV

IDR 501.98 billion

IRR

16.62%

Payback Period

7.6 years

Raw Materials

Main Raw Materials:

- Kernel Corns
(250,000 tons per annum)

Supporting Raw Materials:

- SBM, MBM, CGM, etc.
(250,000 tons per annum)

Production Capacity

Products:

- Animal Feed
(500,000 tons per annum)

Incentives

- Import Duty Facility
Minister of Finance Regulation No. 176 of 2009 in conjunction with No 188/PMK.010/2015 and Investment Coordinating Board Regulation No. 4 of 2001

Animal feed production in Indonesia is estimated to fall short of domestic demand, with a deficit of over **3 billion tons**. Corn, which comprises **40-60%** of animal feed products, is the primary ingredient.

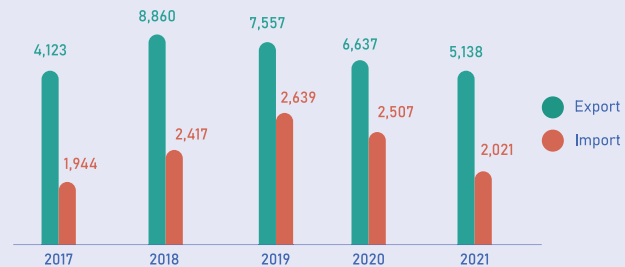
As one of Indonesia's largest corn producers, Gorontalo has significant potential to develop a corn processing industry for animal feed. This investment plan will be implemented on **12.5 hectares** of land in the **Tibawa Pulubala Industrial Designation Area, Gorontalo Regency**. The location is strategically close to raw material sources and is supported by adequate facilities and reliable logistics infrastructure.

The establishment of an animal feed industry in Gorontalo is expected to not only meet domestic demand but also open export opportunities to Asian markets located north of Indonesia.

Market Condition

The projected national demand for animal feed is **33.33 million tons**, while production in 2021 was **29.65 million tons**, leaving a national shortfall of **3.68 million tons**.

Indonesia's Animal Feed Products Export vs Import (1,000 ton)



In recent years, Indonesian animal feed exports have shown an average growth rate of **16.36%**.

Source: ITC, 2022



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Cocoa Butter & Cocoa Powder Processing Industry

📍 Polewali Mandar, West Sulawesi



Indonesian Standard Industrial Classification (ISIC) Code

10731



Investment Value
IDR 956,05 billion

NPV

IDR 481.84 billion

IRR

17.2%

Payback Period

7.42 years

Raw Materials

Cocoa Beans
(35,000 tons per annum)

Production Capacity

- Cocoa Butter (12,250 tons per annum)
- Cocoa Powder (12,250 tons per annum)
- Cocoa Shell (10,050 tons per annum)

Incentives

- **Import Facility**
(Minister of Finance Regulation No. 176/PMK.010/2009 in conjunction with No. 188/PMK.010/2015), and (Minister of Finance Regulation No. 116/PMK.04/2019)
- **Tax Super Deduction**
Government Regulation No. 45 of 2019: Vocation (Minister of Finance Regulation No. 128/PMK.010/2019) and R&D (Minister of Finance Regulation No. 153/PMK.010/2020 dated 9 October 2020)

Cocoa is a vital commodity in modern life, widely used in the production of chocolate, food, beverages, and as raw materials for the chemical and pharmaceutical industries. Cocoa powder is commonly utilized in various food and beverage products, while cocoa butter is essential for both the food and pharmaceutical sectors.

From 2019 to 2021, the prices of cocoa powder and cocoa butter in the US and European markets increased by 40%, signalling a significant opportunity for establishing a cocoa processing industry in Sulawesi, the heart of Indonesia's cocoa production. West Sulawesi contributes approximately 9.71% of national cocoa output.

Kuajang Village in Polewali Mandar, West Sulawesi, is an ideal location for this industry, offering 10 hectares of flat land near raw material sources, access to up to 50 MW of electricity from the Polewali Mandar substation, and convenient transportation links, including the trans-Sulawesi railway and Tanjung Silopo port, located just 14.5 km away. The initial investment required is IDR 956,05 billion, with a payback period of 7 years and 5 months.

Market Opportunity

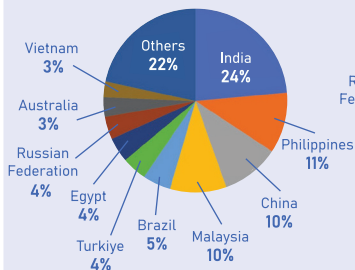
Polewali Mandar Smallholders Plantation has a production capacity of 33,438 tons per annum, with industry absorption as follows:

- 3% Local Processing Industry
- 97% Processing Industries outside of West Sulawesi Province (Export & to Makassar Industrial Estate)

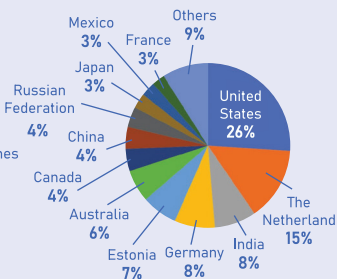
The target production input capacity is 35 thousand tons per year (49% of cocoa plantation production in West Sulawesi Province)

Export Destination Country

Cocoa Powder (HS 1805) 2020



Cocoa Butter (HS 1804) 2020



SCAN HERE FOR MORE INFORMATION OR VISIT:
<https://bit.ly/IPC-B-Polewali>



For more information, please contact:

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Integrated Soda Ash Industry

📍 Sumenep, East Java

IS
IC

Indonesian Standard Industrial Classification (ISIC) Code

20111

💰

Investment Value
IDR 3.08 trillion

NPV

IDR 605.1 billion

IRR

11.7%

Payback Period

7.17 years

End-User Industries

- Pulp and Paper Industry
65%
- Glass and mirror Industry
30%
- Ceramic Industry
4%
- Food and Beverage Industry
1%

Incentives

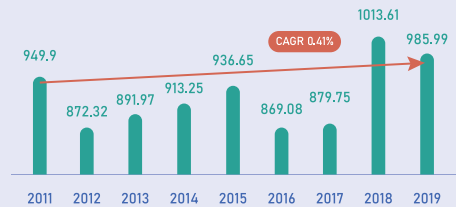
- Import Facility
 - Minister of Finance Regulation No. 176/2009 in conjunction with No. 188/PMK.010/2015
 - Minister of Finance Regulation No. 66/PMK.010/2015
 - Minister of Finance Regulation No. 116/PMK.04/2019
- Tax Holiday (KEK)
 - Minister of Finance Regulation No. 130/PMK.010/2020 and Regulation of the Indonesian Investment Coordinating Board No. 7 of 2020

The development of a soda ash industry in Madura is an innovative step to add value to salt production through a partnership with PT Garam, a state-owned company that owns salt ponds. Soda ash, derived from salt, is a key raw material in the production of glass, ceramics, pulp, and paper.

The soda ash plant will be built on the **Kalianget Salt Processing Factory (PPGK)** land in Sumenep, covering an area of **4.75 hectares**. This location is strategic, situated 2 km from the Sumenep salt industry, 6.7 km from the city center, and 3.7 km from Kalianget Port, making it a high-potential project. This development aims to maximize the potential of Madura's salt resources and contribute to local industrial growth.

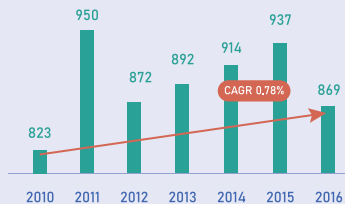
Market Opportunity

Soda Ash Demand in Indonesia
(thousand tons)



Average demand of Soda Ash
913,240 tons per annum

Indonesia's Soda Ash Import



Average Soda Ash Import
893,810 tons per annum

The Integrated Soda Ash Industry in Madura is planned to have a production capacity of **300,000 tons per year**, aiming to substitute imports.



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<https://bit.ly/SAT-Sumenep>



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Hazardous and Toxic (B3) Waste Management Industry

📍 Mojokerto, East Java



Indonesian Standard Industrial Classification (ISIC) Code

38220 37022

39000 37012



Investment Value IDR 1.67 trillion

NPV

IDR 187.81 billion

IRR

15.8%

Payback Period

6.17 years

Production Capacity

- Secured Landfill (30ha) **128,000 tons per annum (ISL)**
- Integrated Hazardous Waste Treatment Facility (15ha) **56,500 tons per annum (IHWT) and 21,600 tons per annum (ISL)**

Management:

PT. Pratama Jatim Lestari

Incentives

- Tax Allowances
Government Regulation No. 78 of 2019 and Minister of Finance Regulation No. 11/PMK.010/2020 in conjunction with Minister of Finance Regulation No. 96/PMK.010/2020
- Super Deduction
Government Regulation No. 45 of 2019

The Hazardous and Toxic Waste Management Center (PPSLB3) project in Dawarblandong District, Mojokerto Regency, is part of the 77 Gerbangkertosusila Priority Areas and has been designated a National Strategic Project (PSN) under Presidential Regulation No. 80 of 2019.

With a land area of 50 hectares within a 10,000-hectare industrial zone, PPSLB3 is designed to serve as a hazardous waste processing hub for eastern Indonesia. The location offers strategic access to raw materials and markets and is supported by comprehensive regional infrastructure.

Currently, Indonesia has only one hazardous waste disposal center in Cileungsi, West Java, making the development of PPSLB3 essential to enhance the nation's hazardous waste management capacity. This project is expected to support environmental sustainability and improve public health.

Market Aspect

In 2021, there were 9 industrial areas in East Java Province with significant industrial growth. These areas generate unmanaged hazardous and toxic (B3) waste of approximately 855,000 to 1,000,000 tons per year.

Currently, there is only one B3 waste processing center, located in West Java. The strategic location of the PPSLB3 in Dawarblandong, East Java, will allow it to serve the B3 waste market in East Java and extend its coverage to Eastern Indonesia.

Market Opportunity Forecast

| Secured Landfill | | Hazardous Waste Treatment Facility |
|----------------------------------|---|------------------------------------|
| 141,500 tons per annum 6.42% | Realistic Target | 53,700 tons per annum 2.44% |
| 312,000 tons per annum 14.15% | Market Target | 1,800,000 tons per annum 81.4% |
| 2,200,000 tons per annum | Market Potential of Non-Recyclable B3 Waste | 2,200,000 tons per annum |

*Average per year (2024 - 2033)

B3 waste processing residu



SCAN HERE

FOR MORE INFORMATION OR VISIT:

<https://bit.ly/IPLB3-Mojokerto>



For more information, please contact:

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Aluminum Wire Rod Manufacture

📍 Bintan, Riau Islands

IS
IC

Indonesian Standard Industrial Classification (ISIC) Code

24203 46620

\$

Investment Value
IDR 58.4 billion

NPV

IDR 1.92 trillion

IRR

18.89%

Payback Period

4.02 years

Raw Materials

Natural Resources Distribution in Bintan Island (Bauxite Commodity)

Regency/Municipality:

- Karimun
7,549,200 tons
- Lingga
193,886,603 tons
- Bintan
35,784,330 tons
- Tanjung Pinang
1,238,600 tons

Total 238,458,733 tons

Incentives

- Tax Allowances
Government Regulation No. 78 of 2019 and Minister of Finance Regulation No. 11/PMK.010/2020 in conjunction with Minister of Finance Regulation No. 96/PMK.010/2020
- Import Facility
- Super Deduction
- Tax Holiday
Minister of Finance Regulation No. 130/PMK.010/2020

The **Galang Batang Special Economic Zone (KEK)** in the Riau Archipelago is designed to serve as a hub for bauxite processing and refining to support the downstream aluminum industry, leveraging local resources to stimulate the national economy. Strategically situated along international shipping routes—the Malacca Strait and the Indonesian Archipelago Sea Lane (ALKI)—this **KEK** facilitates easy access to global markets.

Galang Batang KEK is established as a dedicated area for industry, logistics, and energy, supported by extensive port infrastructure, including multi-purpose and specialized terminals. Here, the aluminum downstream industry will produce products such as Aluminum Wire Rod and Aluminum Billet from processed bauxite. Incentive policies and facilities are available to foster a competitive, efficient business environment, aided by administrators who streamline operational processes in the zone.

This development aims to boost the capacity of Indonesia's aluminum industry and strengthen the nation's position in the global market.

Market Condition

Bauxite Processing and Refining Area for the Aluminum Downstream Industry in Indonesia

According to data from the Ministry of Energy and Mineral Resources, national bauxite production currently stands at **40 million tons** per year.

- **Aluminum Wire Rod**
Used in the production of electrical wires and cables. The global consumption of aluminum wire rod products is largely driven by countries in the Americas
- **Aluminum Powder**
Used in the manufacture of pulp or slurry, explosives and detonators, pyrotechnics for demolition, etc.
- **Aluminum Conductor**
Used in transmission and distribution systems to deliver electrical energy from power plants to end users.
- **Aluminum Billet**
Used in the production of automotive products, aircraft spare parts, and applications in packaging, construction, electrical, and electronics.
- **Aluminum Shots & Notch Bars**
Used as a deoxidizer in steel mills and other industrial applications.



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Alumina Refinery Smelter

📍 Karimun, Riau Islands



Investment Value
IDR 7.58 trillion

NPV
IDR 4.59 trillion

IRR
9.22%

Payback Period
11 years

Raw Materials

Resources Availability and Bauxite Ore Reserve in Riau Archipelago Province

Resource:

- Inferred: 45.5 million tons
- Indicated: 29.7 million tons
- Measured: 7.5 million tons

Reserve:

- Estimated: 89.9 million tons
- Measured: 7.0 million tons

Source: PSDMB Geology Agency, 2019

Incentives

- **Import Duty Exemption**
Minister of Finance Regulation No. 176/011/2009 in conjunction with No. 188/PMK.010/2015 and Investment Coordinating Board Regulation No. 4 of 2021 regarding Guidelines and Procedures for Risk-Based Business Licensing Services and Investment Facilities
- **Investment Allowance**
Government Regulation No. 45/2019
- **The Support of the Local Government**
Governor Regulation of West Nusa Tenggara No. 10 of 2016, Article 3

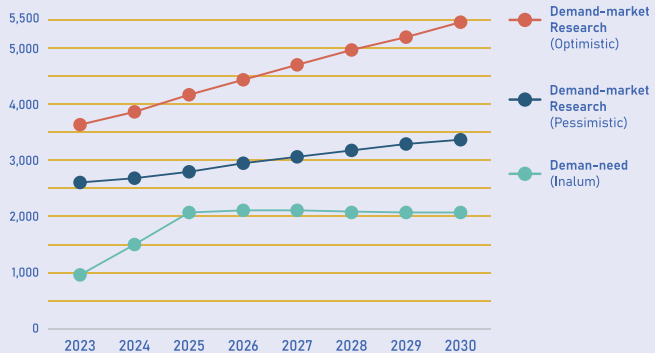
Karimun Regency possesses significant bauxite potential, making it an ideal location for establishing a **Smelter Grade Alumina (SGA) plant**. This plant is planned to operate for 20 years, with a production capacity of 760 thousand tons of alumina annually, requiring 2 million tons of bauxite ore each year and supported by total reserves of approximately **40 million tons** for the entire operational period. Bauxite ore can be sourced from nearby areas, including Lingga and Bintan Regencies, which together have an estimated 192 million tons of reserves.

The plant will employ hydro-pyrometallurgical combination technology, an effective approach for processing bauxite into high-quality alumina, a key raw material for aluminum production. This **SGA plant** is expected to enhance the added value of local commodities and support the growth of Indonesia's aluminum downstream industry.

Market Condition

Domestic Aluminum Supply-Demand Forecast

(1,000 tons)



Global Aluminum Consumption



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<https://bit.ly/SAR-Karimun>



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Copper Recycling Industry with Electrolysis Process

📍 Takalar, South Sulawesi



Investment Value
IDR 3.08 trillion

NPV
IDR 1.43 billion

IRR
32.73%

Payback Period
4.6 years

Raw Materials

- Category:
Electrical Grade Scrap

International Specification
Copper Grade:

- **2 Copper**,
#1 Copper with
94%-96% purity
- **Light Copper**
(~ "# 3 Copper");
#2 Copper with
a minimum 88% purity

Incentives

- Investment Coordinating Board Decree No. 155 of 2018
- Minister of Finance Regulation (PMK) No. 65/PMK.04/2021
- Minister of Trade Regulation No. 84 of 2019 (with its amendments)
- Investment Coordinating Board Regulation No. 7 of 2020

Resources and Supporting Raw Materials

Main Raw Material

Copper waste categorized as "New Scrap" includes waste and shavings generated during the industrial production process.

Source/Area

- Domestic (Indonesia)
- Asia Regions (Hong Kong, Taiwan)
- Australia

Suppliers

Industries producing copper, brass, or bronze-based goods collect waste, offcuts, and shavings for recycling.

Infrastructure



Electricity

The electricity supply will come from the Jenepono Power Plant, which has a capacity of 2 x 125 MW.



Gas

Gas will be distributed as LNG via sea routes due to the absence of a nearby gas network.



Clean Water

Water will be supplied through a network of pipes, with the Pamukkulu Dam serving as the main source upon completion.



Docks

Landing-site-type docks will be constructed to reduce handling costs.



Telecommunication

Telecommunication networks are designed to meet the specific needs of potential investors.



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Integrated Shrimp Farming

Kutai Kartanegara, East Kalimantan



Indonesian Standard Industrial Classification (ISIC) Code

03252 03254

10293 46206



Investment Value IDR 925.16 billion

NPV

IDR 697.31 billion

IRR

16.73%

Payback Period

7,11 years

Production Target

- Tiger Shrimp Broodstock Procurement (900 pairs/year) Broodstock Spawning and Post-larvae shrimp production (405 million shrimps/year) Shrimp Aquaculture (3,600 t/year)
- Whiteleg Shrimp Broodstock Procurement (2,400 pairs/year) Broodstock Spawning and Post-larvae shrimp production (1,80 million shrimps/year) Shrimp Aquaculture (7,200 t/year)

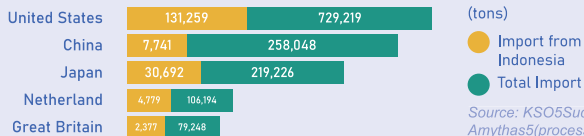
Incentives

- Investment Allowance Government Regulation No. 78 of 2019 and Minister of Finance Regulation No. 16 of 2020
- Import Duty Facility Minister of Finance Regulation No. 176/2009 in conjunction with No. 188/PMK.010/2015 and Investment Coordinating Board Regulation No. 4 of 2021
- Investing Incentive in Ibu Kota Nusantara
- The Support from the Local Government through the Governor Regulation East Kalimantan Province Governor Regulation No. 18 of 2016

The Integrated Shrimp Farming Project in Kutai Kartanegara Regency spans 251.73 hectares in Muara Jawa and Samboja Districts for cultivation, and 5 hectares in the Kariangau Industrial Designation Area, Balikpapan, for processing. The project includes facilities for whiteleg (vaname) and tiger shrimp seeding, growing, and processing, with cold storage capabilities. The advantages of the Kutai Kartanegara location include land that is well-suited for shrimp farming and the presence of existing shrimp ponds. The distance from the cultivation area to the processing plant is 86 km by land, while it is only 3.7 km to Kariangau Port in East Kalimantan.

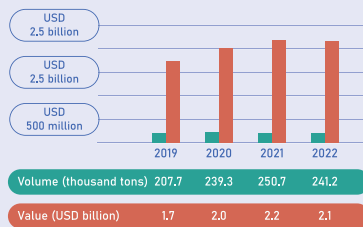
Supply & Demand

Comparison of Shrimp Demand and Supply in Export-Designated Countries



Source: KSO5Sucofindo – Amythas5(processed)

Shrimp Export Volume and Value



The volume and value of shrimp exports from 2019 to 2022 experienced an average increase of 13%.

The highest demand occurred in 2021, with an export value of USD 2.2 billion and an export volume of 250.7 thousand tons. Of this, 88.5% was in frozen form, while the remaining 11.5% was in the form of fresh and dried shrimp.

Source: KSO5Sucofindo – Amythas5(processed)

Infrastructure



Raw Water

- Wain River 4 km (Water Reserve 262 liters/second)
- Samboja Reservoir 30-40 km (Water Reserve 200 liters/second)

Raw Water Needs

- Shrimp Processing Unit/ Cold Storage 60 m³/day
- Shrimp Aquaculture 20,000 m³/ha



Electricity

- Senipah Gas-Powered Power Plant (Capacity: 117 MW)
- Balikpapan Bay Gas-Powered Power Plant (Capacity: 2 × 110 MW)

Electricity Needs:

- Industry 1 MW
- Shrimp Cultivation 0.15 MW



Telecommunication

A fiber optic network for telecommunications in the cultivation area is available



SCAN HERE

FOR MORE INFORMATION OR VISIT:

<https://bit.ly/BUT-Kutai>



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Integrated Horticulture Development

Penajam Paser Utara, East Kalimantan

IS
IC

Indonesian Standard Industrial Classification (ISIC) Code

01134 01283

10399 10312

\$

Investment Value
IDR 276.07 billion

NPV

IDR 338.7 billion

IRR

13.74%

Payback Period

7 years

Production Target



Horticulture Capacity
Shallot
1,500 tons/annum
Downstreaming Capacity
Shallot Paste
1,094 tons/annum



Horticulture Capacity
Red Chilies
650 tons/annum
Downstreaming Capacity
Red Chili Paste
456 tons/annum

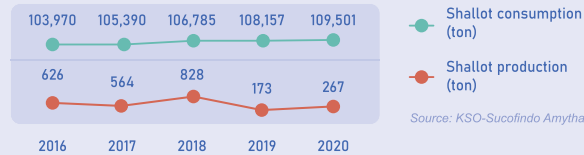
Incentives

- **Import Duty Facility**
Minister of Finance Regulation No. 176/2019 in conjunction with No. 188/PMK.010/2015 and Investment Coordinating Board No. 4 of 2001
- **Local Government Support through the East Kalimantan Governor Regulation**
Governor Regulation of East Kalimantan Province No. 18 of 2016
- **Government Regulation**
No. 12 of 2023*

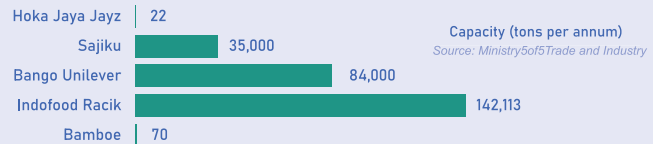
The **Integrated Horticulture Development Project** is located in Rintik Village, Babulu District, Penajam Paser Utara Regency, with a cultivated land area of **65 Ha**. This project targets the production of **1,500 tons** of shallots and **650 tons** of red chilies per year. There are also **5 Ha** processing industry facilities and **1.5 Ha** cold storage, with a production target of **1,094 tons** of shallot paste and **456 tons** of chili paste. This initiative supports sustainable agriculture and economic growth of the Indonesian Capital City (IKN) by involving local farmers and Smart Farming System technology.

Market Opportunity

Shallot Supply & Demand in East Kalimantan Province (tons)



Total Instant Seasoning Production per Year



Local B2B Market

The increasing demand for instant seasonings is the main factor in the development of this market. The annual growth percentage is 5.37% in the period 2023-2038.

Export B2B Market

Shallot paste is mainly exported to Saudi Arabia as a cooking ingredient for Hajji pilgrims (PT, SBI). Potential export of processed spices to Singapore, Saudi Arabia, Nigeria, Timor Leste, etc.

Infrastructure



Clean Water

Babulu Reservoir Water Supply 180 l/sec
Telake River Water Supply 60 l/sec
Rintik spring Water Supply 0.5 l/sec
(Requirement: 0.51 l/sec with the help of irrigation technology)



Telecommunication

Wireless telecommunications Telephone and data networks are available (20 BTS towers)



Electricity

Supply: 4 MW
Demand: 1 MW



Supporting Facility

- Water reservoirs and boreholes
- Irrigation channels
- Fog irrigation technology
- Agricultural equipment
- Drying areas
- Natural and artificial fertilizers



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Integrated Poultry Farming

Kutai Kartanegara, East Kalimantan

IS IC Indonesian Standard Industrial Classification (ISIC) Code

01461 01462

10120 10130

Investment Value
IDR 1.67 trillion

NPV
IDR 462.54 billion
IRR
13.51%
Payback Period
7 years

Production Target

Broiler (16 million chicken per annum)

- Whole Raw Chicken (6,000)
- Partial Raw Chicken (10,000)
- Offal (4,600)
- Nuggets (2,000)
- Meatballs (1,000)
- Sausages (1,000)

Layer Chicken (450,000 chickens per annum)

- Eggs (7,000) *tons/annum

Incentives

- **Easy Business Permits**
 - Government Regulation No. 5 of 2021
 - Investment Coordinating Board No. 4 of 2001
- **Import Duty Exemption**
 - Minister of Finance Regulation No. 176/2019 in conjunction with No. 188/PMK.010/2015 and Investment Coordinating Board No. 4 of 2021
- **Super Tax Deduction**
 - Minister of Finance Regulation (PMK) No. 153/PMK.010/2020
 - Minister of Finance Regulation (PMK) No. 128/PMK.010/2019

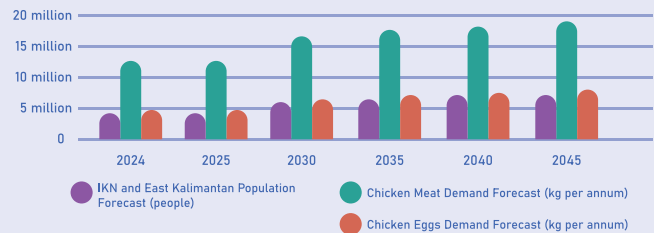
The **Integrated Poultry Farming Project** in East Kalimantan supports the Indonesian Capital City (IKN) by addressing the rising demand for broiler chicken meat, projected to reach **10.86 kg per capita** annually. The farming site is located in Muara Sembilang Village, Samboja District, Kutai Kartanegara, with additional industrial land in the **Kariangau Industrial Designation Area** in Balikpapan. Key advantages of this project include proximity to raw materials for pullets and Day-Old Chicks (DOC), a local community experienced in poultry farming, and competitive land prices.

Supporting infrastructure includes efficient logistics access via the Kariangau Port and Sepinggan Airport, a reliable supply of clean water, electricity, and a strong telecommunications network.

Supply & Demand

East Kalimantan Province still faces an 11% shortage in poultry product supply. With its designation as the Capital City of the Archipelago, the estimated population migration from DKI Jakarta is projected to reach **2.5 million people by 2025** and **6 million by 2050**. This underscores the importance of a sustainable supply of animal protein.

Chicken and Egg Consumption Forecast in East Kalimantan Province and IKN



Source: KSO-Sucofindo Amythas5(processed)

Infrastructure



Clean Water

Industrial Site: Wain River Water Supply: 262 liters/second
Boreholes: 16-17 liters/second (Demand 1 liter/second)

Extractive Land: Samboja Dam Water Supply: 200 liters/second
Boreholes: 2.5-5 liters/second (Demand 10 liters/second)



Electricity

Kariangau Power Plant
Supply: 12 MW, Demand: 1.5 MW
Farming Location
Supply: 223 MW, Demand: 2MW



Waste Treatment Plant

Industrial Site: Distance to the Existing Waste Treatment Plant: 0.8km
Extractive Location: Distance to the Existing Waste Treatment Plant: 18 km



Telecommunication

Wireless telecommunications Telephone and data networks are available (3 BTS towers)



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Water Supply and Treatment Infrastructure

📍 Balikpapan, East Kalimantan



Indonesian Standard Industrial Classification (ISIC) Code

36002 36003



Investment Value
IDR 481.69 billion

NPV

IDR 106.89 billion

IRR

10.78%

Payback Period

14,3 years

Business Line

- **ISIC 36002**
Storage and Distribution of Raw Water
- **ISIC 36003**
Water Treatment Support Activities

Production Capacity

- 2024 - 2026 (Phase I)
83 liters/second
- 2026 - 2030 (Phase II)
105 liters/Second (+22 liters/second)
- 2030 - 2035 (Phase III)
188 liters/second (+83 liters/second)

Incentives

- Import Duty Exemption
Minister of Finance Regulation No. 188/PMK.010/2015 in conjunction with No. 176/2019
- Government Regulation No. 12 of 2023 on Non-Incentives

Kariangau Industrial Estate, as a partner of the Indonesian IKN, is planned to become a major industrial investment center, including the chemical and pharmaceutical industries. The Clean Water Supply and Treatment Infrastructure Project in this area is very important to support industrial operations, with plans to use **Sea Water Reverse Osmosis (SWRO)** technology to utilize the unlimited water resources of Balikpapan Bay.

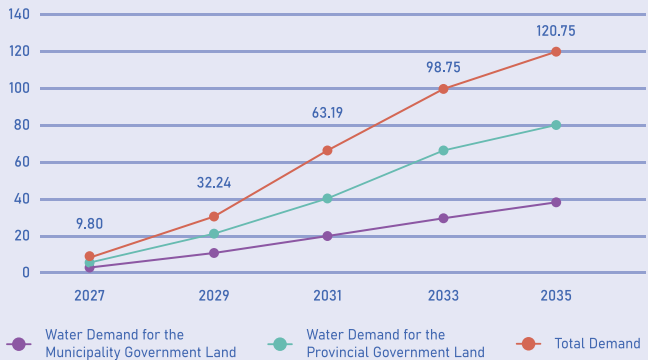
This project will be built in Kariangau Village, with a land area of **4 ha** and a **Freehold Certificate (SHM)** status. With a projected water requirement of **120.75 liters/second** in 2035, this system will be able to produce clean water up to **188 liters/second**.

The electrical power required for **SWRO** is 30 MW, supplied by **PT Kariangau Power**. This location is strategic, close to Sultan Aji Muhammad Salehudin International Airport and Kariangau Port, thus facilitating industrial distribution and operations in the area. This project is expected to increase the efficiency and sustainability of clean water supply to support industrial growth in East Kalimantan.

Market Opportunity

The projected water demand in the Industrial Area based on the land area owned by the Balikpapan City Government and the East Kalimantan Provincial Government in 2035 will reach **120.75 liters/second**.

Projection of Water Demand for Kariangau Industrial Area (liter/second)



Source: KSO-Amythas – Sucofindo (processed)



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Integrated Logistics and Warehousing

📍 Balikpapan, East Kalimantan



Indonesian Standard Industrial Classification (ISIC) Code

52101 52102

52104



Investment Value
IDR 665,98 billion

NPV

Rp. 553,06 billion

IRR

20.74%

Payback Period

5.5 years

Infrastructure



Clean Water

- Clear Water Demand 5,000 lt/day
- Artesian Water
- Reverse Osmosis Water (pre-feasibility Study)



Connectivity

- Sultan Aji Muhammad Sepinggan International Airport
- Capital City Toll Access
- Kariangau RoRo Port
- Kariangau Container/ Cargo Terminal
- Railway System (Planning at the Ministry of Transportation)
- Primary Collector Road (ROW 10 Meters, Rigid Pavement)



Source of Electricity

- Electricity Needs 6,400 VA
- Steam Power Plant (PLTU by Kariangau Power, Capacity 2x15 MW)

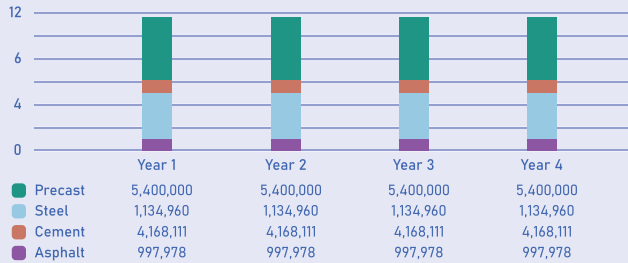
The **Integrated Logistics and Warehousing Project** in Balikpapan City aims to address the growing demand for warehousing, with current occupancy levels reaching **90%**. With the establishment of the Indonesian Capital City (IKN), the demand for warehousing facilities is expected to increase further, particularly to meet basic needs that are still largely imported from outside Kalimantan.

This project will be developed in the Industrial Designation Area (KPI), covering **10.09 hectares** at KM 13 in Kariangau Village, West Balikpapan District, located 4.3 km from the Kaltim Kariangau Terminal (KKT). The site holds a Certificate of Ownership (SHM) and aligns with the spatial planning of Balikpapan City.

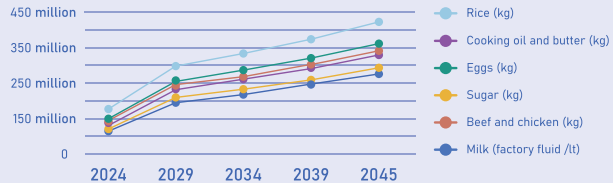
Market Opportunity

Construction Material Demand for the New State Capital (IKN) Phase I

(million/ton)



Basic Commodities Demand Forecast until 2045



Warehousing Capacity

- Warehouse (152,916 TEUs per annum)
- Bulk Tank (3,771,000 liters)
- Container yard (7,500 containers per annum)



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FOR MORE INFORMATION

OR VISIT:

<https://bit.ly/LPT-Balikpapan>



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Renewable Energy Infrastructure (Waste) for the Chemical Industry

📍 Balikpapan, East Kalimantan



Indonesian Standard Industrial Classification (ISIC) Code

38211

20111



Investment Value IDR 1.1 trillion

NPV

IDR 416.52 billion

IRR

13.7%

Payback Period

10.11 years

Business Line

- **ISIC 38211**
Treatment and Disposal of Non-Hazardous Waste and Garbage
- **ISIC 20111**
Basic Inorganic Chemical Industry: Chlorine and Alkali

Incentives

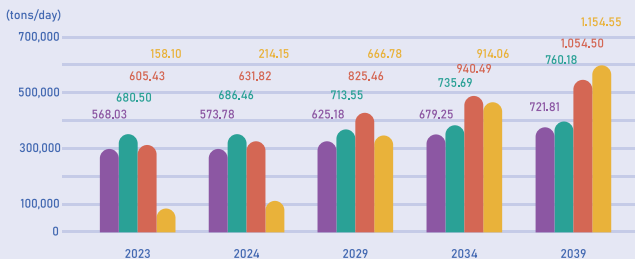
- Government Regulation No. 63/2022
Nusantara Capital City Main Plan
- Fiscal Incentive
 - Minister of Finance Regulation (PMK) No. 13/2020*
*Subject to Global Minimum Tax policy implementation
 - Minister of Finance Regulation (PMK) No.26/2021
 - East Kalimantan Province Local Ordinance No. 06/2015

The **Renewable Energy Infrastructure Project for Chemical Industry Development** is located at KM 13, Kariangau Village, West Balikpapan District, covering **10 hectares** with **Land Ownership Certificate** status. Planned within the Kariangau Industrial Designation Area, as established by Balikpapan Mayor Regulation No. 22 of 2021, this site offers a strategic advantage. It is situated only 3 km from Balikpapan Bay, which provides seawater as the primary raw material, and approximately 30 km from various final disposal sites (TPA) for sourcing waste materials.

The project will use the Chlor-Alkali Process to convert seawater into NaOH and HCl. Proximity to the East Kalimantan Kariangau Terminal Port (3.4 km) and easy access to the IKN toll road will enhance logistics efficiency. This development aims to strengthen Indonesia's chemical industry by utilizing renewable resources and reducing environmental impacts from waste.

Market Opportunity

Total and Estimation of Waste Generation



The average total waste generation from 4 cities and regencies in East Kalimantan Province in **2022** is **1,511.73 tons/day**. It is estimated that this figure will continue to increase as the population increases and the presence of the new capital city in East Kalimantan Province. In **2024**, it is projected that the average total waste will reach **4,161.94 tons/day**.

Production Target

Raw Materials:

- Waste (1,000 tons per day)
- Salt Water (400 m3/hour)

Final Product:

- NaOH (48,312 tons per annum)
- HCl (37,224 tons per annum)



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Buluminung Industrial Estate Development

📍 Penjam Paser Utara, East Kalimantan

IS IC Indonesian Standard Industrial Classification (ISIC) Code
68130

Investment Value
IDR 1,7 trillion

NPV
IDR 809.75 billion

IRR
16.03%

Payback Period
8.3 years

Business Line

68130
Industrial Estate



Incentives

- **Import Duty Facility**
(Ministry of Finance Regulation No. 176/2009 in conjunction with No. 185/PMK.010/2015 and Investment Coordinating Board Regulation No. 4 of 2001)
- **Sub-national Government Support** through East Kalimantan Governor Regulation
- **Non-Fiscal Incentive** for Buluminung Industrial Estate
- **Government Regulation** No. 12 of 2023

The **Buluminung Industrial Estate Development** is strategically designed to support the Ibu Kota Nusantara (IKN) project through sectors such as construction materials, sustainable agriculture, plant-based chemicals, and low-carbon energy.

Spanning **544.59 hectares** in Penjam Paser Utara, this area is supported by key infrastructure, including the Buluminung Jetty Pier, an extensive road network, a main powerhouse, and a gas pipeline.

It also boasts excellent accessibility to Sepinggan Airport and nearby seaports, and its location within the ALKI 2 shipping line enhances its potential as a key economic zone for supporting IKN development.

Market Opportunities



Main Industry



Agricultural Industry



Low-carbon Energy: Biofuels



Advanced Chemicals and Derivatives Industry: Olekimia



Construction Material



Competitive Advantages

| | Buluminung Industrial Estate |
|-------------------------------------|-------------------------------------|
| Distance to Semayang Seaport | 11.8 km |
| Gas Pipe | In Service |
| Distance to IKN | 76.5 km |
| Raw Material Logistic Cost | IDR 604.737/trip |

Infrastructure



Water
Raw water sourced from the Riko River with a capacity of 13,000 liters/second.



Telecommunication
69 BTS towers in Penjam District



Waste Treatment Plant
Capacity of 435.56 liters/second



Education
1 Higher Education (23.9 km)



Buluminung Jetty
120 m pier capable of servicing 1,000 DWT vessels



Electricity
Petung Main Powerhouse with a capacity of 90 MVA



Gas
Available gas pipeline



Hospital
1 Regional Public Hospital (11.7 km)



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Nusantara Convention Center

📍 Balikpapan, East Kalimantan

IS IC Indonesian Standard Industrial Classification (ISIC) Code
68112 55110

Investment Value
IDR 1.27 trillion

NPV
IDR 336.7 billion

IRR
12.25%

Payback Period
13 years

Business Line

- **ISIC 68112**
 Venue Leasing for MICE Activities and Special Events
MICE capacity: 3280 people
- **ISIC 55110**
 Star Hotels
Room Capacity: 349 rooms

Incentives

- **Fiscal**
 Minister of Finance Regulation No. 176/2009 in conjunction with No. 188/PMK.010/2015
- **Non-Fiscal**
 Ease of Permit Processing through Online Single Submission Risk Based Approach (OSS-RBA).

Nusantara Convention Center (NCC) is located on Jalan MT. Haryono KM 4.5, North Balikpapan, with an area of **3,5 Ha** and clean and clear land status. Only 8.5 km (15 minutes) from Sepinggan Airport and 57 km (45 minutes) from the Capital City of the Archipelago (IKN), **NCC** is in a strategic location that supports the development of **MICE (Meeting, Incentive, Convention, Exhibition)** in East Kalimantan. Balikpapan has 21-star hotels, making it a leading **MICE** destination and part of the IKN super hub economic ecosystem.

NCC is planned to have 32 meeting rooms, 14 conference rooms, 4 ballrooms, 1 exhibition hall, and hotel facilities with 349 rooms, including superior, deluxe, junior suite, and president suite.

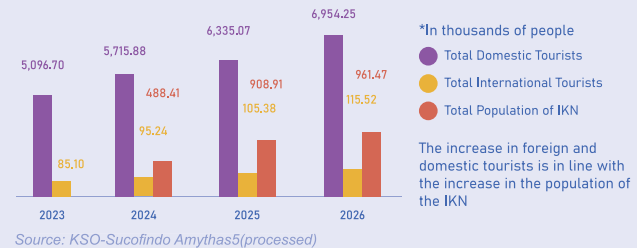
With various facilities, **NCC** is expected to improve the tourism sector and support the development of IKN as a **National Tourism Development Area (KPPN)**. This project will strengthen Balikpapan's position as a national activity center and an attractive tourism destination.

Market Opportunities

Total Tourist Visits in Balikpapan (2019-2022)



Market Analysis Based on Projections of Domestic and Foreign Tourist Visits to Balikpapan City, as well as the IKN Population for the Next 3 Years.



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 FOR MORE INFORMATION
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Seaweed Farming

📍 Takalar, South Sulawesi



Indonesian Standard Industrial Classification (ISIC) Code

03217 46206

52109



Investment Value
IDR 102.87 billion

NPV

Rp. 38.45 billion

IRR

15.7%

Payback Period

4.22 years

Business Line

- **ISIC 03217**
Marine Aquatic Plant Cultivation
- **ISIC 46206**
Wholesale Trade of Fishery Products
- **ISIC 52109**
Other Warehousing and Storage

Incentives

- **Local Government Support**
 - Government Regulation No. 25 of 2014 regarding Provision of Facilities and Incentives for Horticultural Businesses, Article 9
 - Government Regulation No. 24 of 2019 regarding the Provision of Incentives and Ease of Investment in the Sub-National Level
- **Super Tax Deduction**
 - Ministry of Finance Regulation (PMK) No.153/PMK/010/2020
 - Ministry of Finance Regulation (PMK) No.128/PMK010/2019

Indonesia has the largest seaweed land potential in the world, and South Sulawesi, especially Takalar Regency, is a major contributor with more than **8,100 hectares** of land for cultivation. The total cultivation area consists of **184 Ha** of water land (state-owned) and **4 Ha** of land land (SHM), with competitive rental costs. This location is ready to be developed with a clean and clear status, far from community conflicts, and close to supporting infrastructure.

Access to the cultivation area is easy via land transportation, Soekarno-Hatta Port, and Sultan Hasanuddin Airport. Facilities such as raw water, electricity, and telecommunications support investment development. Seaweed seeds are obtained from BPBAP Takalar tissue culture and are ready to be planted without adaptation. After a 45-day enlargement cycle, the seaweed is dried and stored before being distributed.

Market Conditions

Currently, dried seaweed from Indonesia has a large share of **71%** or **187.5 thousand tons**. So that Indonesia dominates the world's export share and has the potential to meet the needs of the global market share completely.

Production Target



Raw Materials

- Seaweed seeds (100% locally sourced from South Sulawesi)
- Capacity of **368 tons/annum**.



Product 2:

- Dried seaweeds (60% local, 40% export)
- Capacity of **2,450 tons/annum**

Infrastructure



Raw Water

An artesian well is available at a distance of 3 m with a water requirement of 1,200 liters/day.



Electricity

The electricity supply comes from the Tallasa Main Substation which is 19.4 km away, with a capacity of 44,000 kW and electricity requirements reaching 1,476 kW.



Telecommunication

A wireless telecommunications network is available supporting telephone and data services.



Roads

The distance of arterial roads is 44.9 km (ROW ± 6 m) and collector roads is 20.7 km (ROW ± 5 m) with asphalt pavement.



Airport

Sultan Hasanuddin Airport, 86.2 km away.



Seaport

Soekarno Hatta Port, 70.2 km away



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Horticulture of Siamese Honey Tangerine Commodity

📍 Karo, North Sumatra

IS
IC

Indonesian Standard Industrial Classification (ISIC) Code

01230

Investment Value

IDR 170.67 billion

NPV

IDR 181.78 billion

IRR

21.91%

Payback Period

6.2 years

Business Line

- ISIC 01230
Orange Farming



Incentives

- Government Support on the Horticultural Product
Government Regulation No. 25 of 2014 on Provision of Horticultural Facility and Business Incentives paragraph
- Local Government Support
Government Regulation No. 24 of 2019 on the Provision of Horticultural Facility and Business Incentives in the Sub-National Level

Honey tangerine is one of the key commodities in Indonesia's agricultural sector. Karo Regency, with an elevation of 600-900 meters above sea level and annual rainfall of 1,500-2,500 mm, offers favourable conditions for honey tangerine cultivation. Soil tests classify the land as moderately suitable (S2), with some limiting factors, including cation exchange capacity and base saturation. North Sumatra, particularly Karo Regency, ranks as the second-largest honey tangerine producer, with a total yield of **1.2 million quintals** in 2020.

The region's altitude, ideal climate, and sandy loam soil make Karo Regency a strategic location for expanding honey tangerine plantations. This project will involve 27 hectares of core land and **660 hectares** of plasma land owned by the community across several villages. Advanced technology will be integrated into all stages of production, from maintenance and harvesting to storage and distribution, utilizing cooling machinery to ensure quality control.

Market Conditions

In 2025, the target for national per capita orange consumption is set at 87 kg. In 2021, Indonesia's orange production was 2.4 million tons. To meet this consumption target, an additional **4,000 hectares** of orange orchards, producing approximately **80,000 tons** of oranges annually, will be required.

Production Target



Raw Materials:

- Honey Tangerine Seedlings
Capacity of 106,400 seedlings per period



Product

- Honey Tangerine
Capacity of 13,895 tons per annum

Infrastructure



Raw Water

Lau Lingga River in Langkat supplies 80 m³/hour.



Airport

Kualanamu Airport, located 198 km away.



Electricity

130kWp Solar Panels, 1 MW micro hydro power plant, State Electricity Company (PLN) Grid Installations, with the demands at 91,218 kWh/month.



Seaport

Belawan Seaport, located 166 km away.



Telecommunication

BTS Tower, located 1 km away.



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Fisheries Shrimp Farming Commodity

📍 West Sumbawa, West Nusa Tenggara



Indonesian Standard Industrial Classification (ISIC) Code

03254 03252

10293 52102



Investment Value
IDR 507.18 billion

NPV

IDR 191.29 billion

IRR

14.6%

Payback Period

8.1 years

Business Line

- ISIC 03254
Brackish Water Crustacean Farming
- ISIC 03252
Brackish Water Fish Hatchery
- ISIC 10293
Freezing Industry for Other Aquatic Biota
- ISIC 52102
Cold Storage Activities

Incentives

- Exemption from Import Duty
- Investment Allowance (Government Regulation No. 45/2019)
- Local Government Support (Nusa Tenggara Barat Governor Regulation No. 10 of 2016 Paragraph 3)

The **Shrimp Aquaculture Project Development Area** is located in **Dasan Anyar Village and Goa Village, Jereweh District, West Sumbawa Regency, covering 176 hectares**. This project focuses on intensive whiteleg shrimp cultivation and includes a hatchery, grow-out facilities, a freezing industry, and cold storage. The land has a flat contour, Freehold Certificate (SHM) status, and access to seawater from **Poyang Beach** and freshwater from the **Jereweh River**, supporting sustainable aquaculture.

Accessibility to the project site is excellent, with proximity to major routes: 35 km from the primary arterial road and 100 m from the primary collector road, facilitating transport to **Poto Tano Port (51 km)** and **Taliwang Terminal (14 km)**. Given the strong global market demand for shrimp, investing in whiteleg shrimp cultivation in this region presents significant growth opportunities for the fisheries industry in West Nusa Tenggara and offers potential for boosting local community income.

Market Conditions

- In 2021, global market demand reached **2,095,858 tons** for frozen shrimp, **504,348 tons** for processed shrimp, and **85,523 tons** for fresh shrimp.
- Shrimp production from Indonesia in 2021 reached **900,000 tons**, with the largest export market being the United States.

Production Target



- Whiteleg (Vaname) Post-larvae Shrimp Capacity at 360 million/year.



- Fresh Whiteleg (Vaname) Shrimp Capacity at 5,400 tons/year

Infrastructure



Raw Water

The water supply is sourced from **Jereweh River**, located 500 m away, and **Local Clean Water Company (PDAM) Bintang Bano Dam**, located 30-40 km away.



Electricity

Electricity is sourced from the 40 MW-capacity **Tambora Steam Power Plant**, meeting the 4.25 MW demand.



Airport

Sultan Muhammad Kaharuddin III Airport, located 134 km away.



Roads

Primary arterial road access is 35 km (ROW 6.5 m) and primary collector road is 100 m (ROW 5 m) with asphalt pavement.



Telecommunication

Wireless telecommunications networks for telephone and data services are available through 2 nearby BTS towers.



Seaport

Poto Tano Port, 51 km away and **Lalar Port**, 2.3 km away



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Integrated Capture Fisheries with Processing

📍 Central Maluku, Maluku

IS
IC

Indonesian Standard Industrial Classification (ISIC) Code

10213 10221



Investment Value
IDR 549.62 billion

NPV

IDR 66.99 billion

IRR

11.76%

Payback Period

9 years

Business Line

- **ISIC 10213**
Fish Freezing Industry
- **ISIC 10221**
Processing and Preserving Industry of Fish and Aquatic Biota (excluding Shrimp) in Cans

Incentives

- **Tax Allowances**
Government Regulation No. 78 of 2019 and Minister of Finance Regulation No. 11/PMK.010/2020 in conjunction with Minister of Finance Regulation No. 96/PMK.010/2020
- **Import Facility**
Minister of Finance Regulation No. 176/PMK.011/2009 in conjunction with No. 188/PMK.010/2015
- **Producer Importer Identification Number**
(Minister of Trade Regulation No. 25 of 2022)
- **Foreign Worker Utilization Plan (RPTKA)**
(Minister of Manpower Regulation No. 6 of 2021)
- **Tax Holiday ***
(Minister of Finance Regulation No. 130/PMK.010/2020*)

The capture fisheries processing industry in Rupaitu Hamlet, Tulehu Village, Central Maluku Regency, spans approximately **7.5 hectares**. This location is strategically positioned near the fishing port, logistics port, and other infrastructure, with convenient access via arterial roads connecting the Provincial Capital and the airport. Situated between three **Fisheries Management Areas (WPP 714, WPP 715, and WPP 718)**, the area boasts a Total Allowable Catch (JTb) for large pelagic fish of up to **966,989 tons**.

The export trend for Indonesian fishery products, particularly tuna fillets and canned tuna, has shown positive growth, with average annual increases of **22.51%** and **1.38%** from **2017** to **2021**, respectively.

Maluku Province contributes **16.45%** of the total national production, positioning the fisheries processing industry in the region as a promising investment opportunity. This growth potential can enhance the competitiveness of the industry while improving the welfare of local communities.

Market Conditions

- Indonesia's export trend for tuna fillets and canned tuna products showed an average annual increase of **22.51%** and **1.38%**, respectively, during the **2017–2021** period.
- Maluku Province contributed **16.45%** to the total national production.

Production Target



Raw Material:

- **Fresh Tuna (100% Local)**
Target 10,000 tons per annum

Product:

- **Fillet Tuna (The national and export targets are set at 3,600 tons per annum)**
- **Canned Tuna (The national and export targets are set at 3,600 tons per annum)**

Infrastructure



Raw Water

Three sources of raw water supply 5.46 m³/second, meeting the 1.28/second demand, located 3–4 km away.



Electricity

Three power plants in the vicinity of Tulehu, with a total capacity of 110 MW, meeting the 788 kWh demand.



Roads

1.6 km arterial road (ROW ± 8–10 m) and 97 m collector road (ROW ± 5 m) with asphalt pavement



Airport

Pattimura Ambon International Airport, 37.5 km from the project site



Seaport

Waii Logistics Port, 7 km away and Tulehu Fish Port, 2.1 km away



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Banana Plantations Integrated with Processing Industry

📍 Malang, East Java



Indonesian Standard Industrial Classification (ISIC) Code

01220 10629

46312 46339



Investment Value IDR 742,69 billion

NPV

IDR 293.23 billion

IRR

18.81%

Payback Period

6.3 years

Business Line

- **ISIC 01220**
Fruit Farming
- **ISIC 10629**
Starch and Other Starch Product Industry
- **ISIC 46312**
Wholesale Trade of Fruits
- **ISIC 46339**
Wholesale Trade of Other Food and Beverages

Incentives

- **Tax Allowances**
Government Regulation No. 78 of 2019 and Minister of Finance Regulation No. 11/PMK.010/2020 in conjunction with Minister of Finance Regulation No. 9/PMK.010/2020
- **Import Facility**
 - Minister of Finance Regulation No. 176/PMK.011/2019 in conjunction with Minister of Finance Regulation No. 188/PMK.010/2015
 - Minister of Finance Regulation No. 66/PMK.010/2015
 - Minister of Finance Regulation No. 116/PMK.04/2019

Bananas, as a high-value tropical export with numerous derivative products, are experiencing growing demand in **Asian, American, and European** markets. Malang Regency was selected as the location for banana cultivation and processing industries due to its high production levels, favorable topography, and sufficient infrastructure.

While **East Java** ranks **highest** in national banana production, the processing of banana products, such as banana chips, remains limited. This creates promising investment opportunities to develop the banana flour processing industry, which can enhance product value and strengthen competitiveness in the global market.

Market Conditions

- Demand for bananas in Japan is predominantly met through imports, with Indonesia supplying only **0.15%** of Japan's total demand.
- Meanwhile, demand for banana flour in Europe reached **539 tons** in **2021**, with Germany being the largest importer worldwide.

Production Target



Raw Material:

- **Yellow Banana**
Capacity: **9,180 tons** per annum

Fresh Product:

- **Cavendish Banana**
Capacity: **64,260 tons** per annum

Main Product:

- **Banana Flour**
Capacity: **1,836 tons** per annum

Infrastructure



Raw Water

Local Clean Water Company (PDAM)/ River with a discharge of 1 m³/second, demand: (On-farm: 0.14 m³/second) and (Industry: 0.0003 m³/second)



Airport

Juanda International Airport, 110 km from the project site



Electricity

Capacity 30 Kva, demand: (On-farm: 12 kW) and (Industry: 12 kW)



Seaport

Tanjung Perak Container Port, 116 km from the project site



Telecommunication

Wireless network with internet approximately at 4G/LTE, landline telephone connection



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Integrated Beef Cattle Farming Agribusiness

📍 Kupang, East Nusa Tenggara

ISIC

Indonesian Standard Industrial Classification (ISIC) Code

01191 10130

01411 10802

10110



Investment Value
IDR 669.73 billion

NPV

IDR 694.89 billion

IRR

19.26%

Payback Period

6.7 years

Business Line

- **ISIC 01191**
Forage Crop Farming
- **ISIC 01441**
Breeding & Farming of Beef Cattle
- **ISIC 10110**
Slaughterhouse Activities and Non-Poultry Meat Packing
- **ISIC 10130**
Processing and Preservation of Meat and Poultry Products Industry
- **ISIC 10802**
Animal Feed Concentrate Industry

Incentives

- **Provincial Government Support**
(Local Ordinance of Nusa Tenggara Timur Province No. 1 of 2018)
- **Tax Allowances**
Government Regulation No. 78 of 2019 and Minister of Finance Regulation No. 11/PMK.010/2020 in conjunction with Minister of Finance Regulation No. 96/PMK.010/2020

The **Integrated Beef Cattle Farming Agribusiness Project** is located in Fatumonas Village, Amfoang Tengah District, Kupang Regency, East Nusa Tenggara. With the rising trend in beef consumption, Indonesia currently meets only **62%** of its domestic demand, relying on imports for the remaining **38%**. This project aims to enhance food independence and achieve national beef self-sufficiency. Covering an area of **3,068 hectares** available for cooperation, the project integrates livestock farming with the beef industry, produces green fodder locally, and processes livestock waste into fertilizer.

The site is accessible within three hours from Kupang City Center and is supported by essential infrastructure, including a 157.2 MW electricity network and 25 BTS towers for communication. This initiative is designed to efficiently and sustainably boost the productivity of Bali and Sumba Ongole cattle.

Market Conditions

- Domestic beef production is insufficient to meet domestic consumption.
- This gap is filled by beef imports.
- The demand for beef is increasing due to population growth, leading to a corresponding rise in beef imports.

Production Target



Raw Materials:

- **Cattle Breeding**
Capacity of 4,400 cows/annum
- **Cattle Fattening**
Capacity of 12,000 cows/annum

Main Products:

- **Frozen Meat**
Capacity of 2,571 tons/year
- **Non-Carcass**
Capacity of 2,103 tons/year

By-Products:

- **Solid Fertilizer**
Capacity of 41,024 tons/year
- **Liquid Fertilizer**
Capacity of 53,949 tons/year

Infrastructure



Raw Water

The water availability is 1.85 liters per second, with the requirement of 18.18 liters per second.



Electricity

State Electricity Company (PLN) Kupang Regency with a capacity of 157.2 MW, meeting the demand of 4 MW



Telecommunication

25 BTS towers are available for internet networks in the Amfoang Region



Airport

El Tari Kupang Airport, located 118 km away



Seaport

Tenau Kupang Port, located 132 km away

Others:

- Health facility: 2 Community Health Center (Puskesmas)
- Education: 1 High School
- Building of Worship: 5 churches.



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Integrated Sugarcane Plantations with Processing Industry

📍 Musi Banyuasin, South Sumatera



Indonesian Standard Industrial Classification (ISIC) Code

01140 10721



Investment Value
IDR 1.06 trillion

NPV

IDR 608.37 billion

IRR

15.13%

Payback Period

8.1 years

Business Line

- ISIC 01140 Sugarcane Plantation
- ISIC 10721 Granulated Sugar Industry

Incentives

- Tax Allowances
Government Regulation No. 78 of 2019 and Minister of Finance Regulation No. 11/PMK.010/2020 in conjunction with Minister of Finance Regulation No. 9/PMK.010/2020
- Super Deduction
Minister of Finance Regulation No. 128/PMK.010/2019 and Minister of Finance Regulation No. 153/PMK.010/2020 dated 9 October 2020.
- Import Duty Facility
(Minister of Finance Regulation No. 176/2009 in conjunction with No. 188/PMK.010/2015 and Investment Coordinating Board Regulation No. 4 of 2001)

The **Integrated Sugarcane Plantation Project** along with its processing industry in South Sumatra aims to increase productivity by minimizing transportation time from the field to the processing plant. This project not only produces **White Crystal Sugar (GKP)** as the main product, but also produces molasses and derivative products for renewable energy, making it a zero-waste industry. As one of the five largest sugar producing regions in Indonesia, South Sumatra Province is a strategic location for sugarcane plantation development.

This project is located in Sekayu District and Sungai Keruh District, Musi Banyuasin Regency, covering a core area of **8,304 ha** and a plasma area of **2,000 ha**. With investment support from one PMA and four PMDN, this initiative is expected to increase national sugar independence and support the industrial sector.

Market Conditions

National Demand

The national sugar supply of **2.5 million tons** is only able to meet around **76%** of the total demand of **3.3 million tons**.

Lack of Supply

Current shortage of **700-800 thousand tons** supply has been met through imports.

Production Target



Raw Material:

- 100% Local Sugarcane
- Capacity: **730,400 tons/annum**

Main Product:

- Granulated Sugar
- Capacity of **67,835 tons per annum**

By Product:

- Molasses (**3,750 kg/ha**)

Derived Product:

- Electricity (**a 6-8 MW surplus supply**)

Infrastructure



Raw Water

The water sourced from the Tebing Bulang River, a tributary of the Musi River with a discharge of **4.2 m³/second**, with a demand of **0.009 m³/second**.



Airport

Sultan Mahmud Badarudin International Airport located **180 km** away



Electricity

State Electricity Company (PLN) Rayon Sekayu supplies with a capacity of **71 MW/year**, meeting the **9 MW/year** demand



Seaport

Tanjung Api-api Seaport, located **240 km** away



Telecommunication

Wireless telecommunication network is available with local BTS.



SCAN HERE
FOR MORE INFORMATION
OR VISIT:
<https://bit.ly/PTT-Banyuasin>



For more information, please contact:

Ministry of Investment and Downstreaming / BKPM,
Deputy for Investment Promotion

Email: opportunity@bkpm.go.id







**MINISTRY OF INVESTMENT AND DOWNSTREAM INDUSTRY/
INDONESIA INVESTMENT COORDINATING BOARD**



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