



PT SAPTA BORNEO UTAMA

Integrated Sugar, Ethanol, Biomass & Plantation Project

SITE MASTER PLAN



SUGAR MILL
10,000 TCD



ETHANOL PLANT
60 KLPD



BIOMASS POWER PLANT
30 MW



PLANTATION
DEVELOPMENT
500 HA Core
10,000 – 20,000 HA (Plasma)



LEGEND

- 1 Sugar Mill Complex
- 2 Cane Preparation Area
- 3 Boiler & Power House (Biomass Power Plant)
- 4 Ethanol Plant
- 5 Storage Tanks
- 6 Utilities Area (Water Treatment, Cooling Tower, Air Compressors)
- 7 Warehouse & Packaging Building
- 8 Administration Building & Laboratory
- 9 Maintenance Workshop
- 10 Truck Weighbridge & Gate Complex
- 11 Staff Facilities (Canteen, Clinic, Mosque)
- 12 Fire Station
- 13 Effluent Treatment Plant (ETP)
- 14 Solid Waste Management Area
- 15 Future Expansion Area
- 16 Plantation Nursery
- 17 Internal Roads & Green Belt
- 18 Stormwater Retention Pond



SITE FEATURES

- Total Area : ± 120 Ha
- Strategic Location with Excellent Infrastructure Access
- Integrated & Efficient Process Flow
- Environmentally Responsible Design
- Provision for Future Expansion

PLANTATION AREA



Core Plantation : 500 Ha
Plasma Development :
10,000 – 20,000 Ha

SITE LOCATION



SITE ACCESS

- National Road (± 2.5 km)
- Railway Line (± 5 km)
- Cirebon Port (± 90 km)
- Kertajati Int'l Airport (± 35 km)

MATERIAL & PRODUCT FLOW



SUGARCANE
FROM
PLANTATION



CANE YARD &
PREPARATION



SUGAR MILL
PROCESSING



SUGAR
STORAGE &
PACKAGING



TO MARKET
(DOMESTIC &
EXPORT)

UTILITIES & INFRASTRUCTURE



POWER
(30 MW)



WATER
SUPPLY



STEAM
SUPPLY



COOLING
SYSTEM



EFFLUENT
TREATMENT



SOLID WASTE
MANAGEMENT

Note: This master plan is for illustrative purposes and subject to change during detailed engineering.