

CORPORATE PRESENTATION

PT BUKIT ASAM Tbk

1H2021



01

**Company &
Industry Overview**

02

Performance Highlights

03

Commitment to ESG

04

Project Development Update



Bukit Asam's Business Segments

Mining and Mining's Service

Coal Trading

Logistic

Upstream & Supply Chain



PT Indonesia Asahan Aluminium (Persero) owns ~65,93% of total shares

Investment

Power

Gas

Others

Downstream & Other Businesses

Note: PTBA has restructured its subsidiaries namely **Internasional Prima Cemerlang**, **Anthrakas** and **Bukit Energi Metana** with legality and public information disclosure on **February 5th**, **March 24th** and **May 4th** this year, respectively

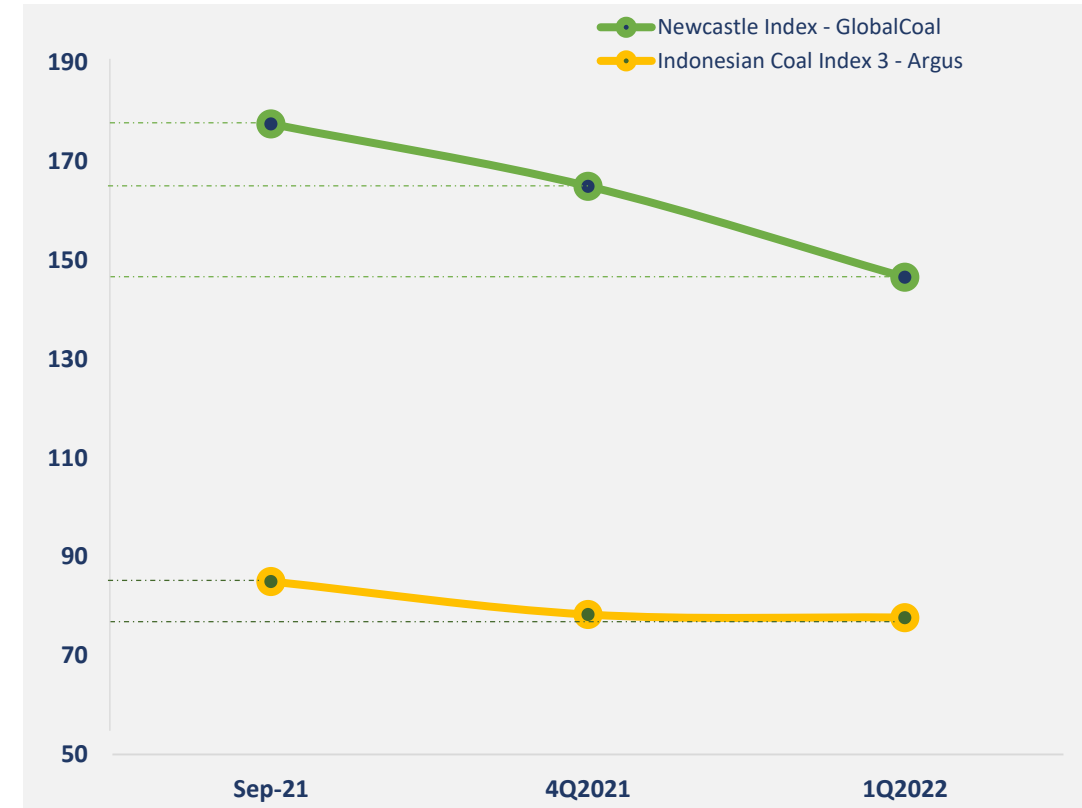
Coal prices remain high

Global commodity prices

Commodity	31/12/2020	30/06/2021	31/07/2021	% ytd	(↑/↓)
Crude Oil (barrel)	51.8	75.1	76.3	47	↑
Coal ⁽¹⁾ (mt)	80.5	134.7	149.8	86	↑
Gold (troy ounce)	1,898.4	1,770.1	1,814.2	(4)	↓
Tin (mt)	20,540.0	33,460.0	35,965.0	75	↑
Nickel (mt)	16,613.0	18,214.0	19,552.0	18	↑
Copper (mt)	7,766.0	9,374.5	9,728.0	25	↑
CPO (mt)	955.0	975.0	1,125.0	18	↑

(1) Newcastle index
Source : Bloomberg as of August 2021

Coal price forecast⁽²⁾



(2) As of August 2021

- Commodity prices mostly increased, with the highest increase in coal commodities
- Coal prices forecast is to remain high into 1Q2022, with Newcastle (GAR 6322) and Indonesian Coal Index-3 or ICI-3 (GAR 5000) estimated to be in the range of USD145/ton to USD175/ton and USD75/ton to USD85/ton, respectively
- The coal price ranges of Newcastle and ICI-3 as above are the highest price in the last 13 year and 10 year, respectively

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Key performance highlights

Cash cost

Cash costs is still under budget and remaining low with an increased only ▲ 2% yoy



Strong EBITDA

Rp2.9 trillion

▲ 24% yoy



Production

2Q2021 production increased significantly and was well managed to cover low production performance in 1Q2021

2Q2021 vs 1Q2021 ▲ 94%

thus pushing 1H2021 production to exceed the target and reach

13.3mt ▲ 11% yoy



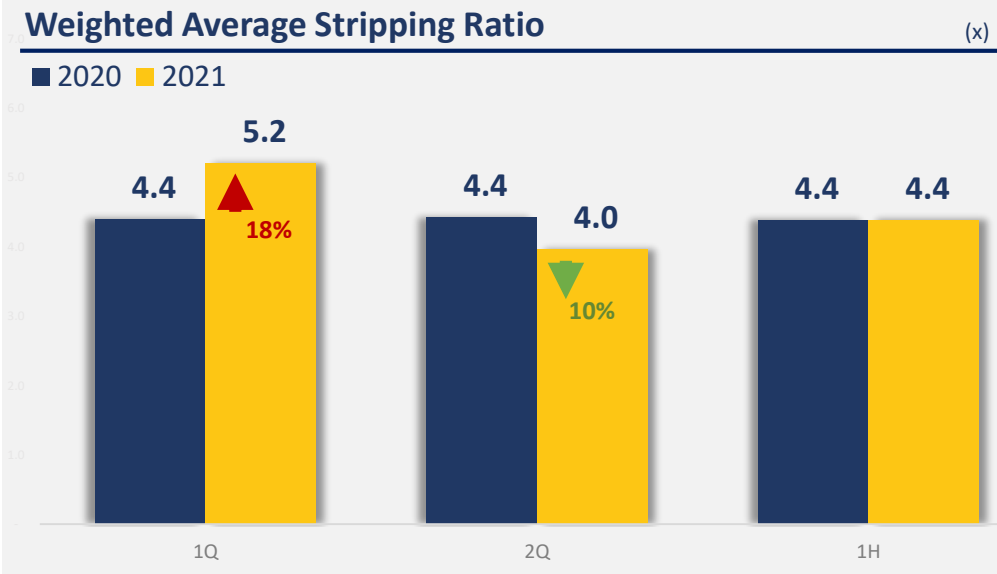
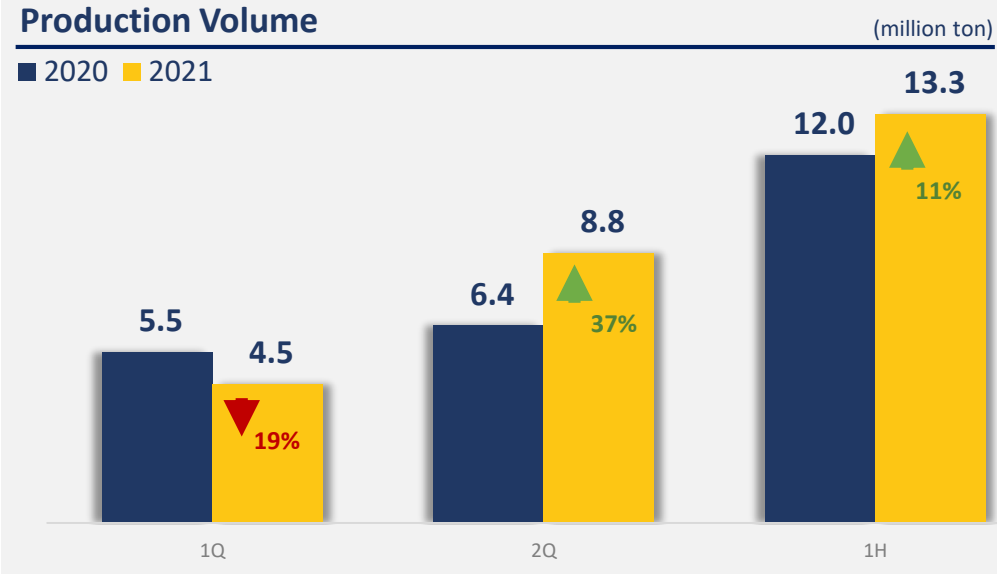
Sales

In 2Q2021, export sales ▲ 63% and HCV sales ▲ more than 3x than 1Q2021,

drive **2Q2021 revenue ▲ 58%** of 1Q2021

and **1H2021 revenue to Rp10.3 trillion ▲ 14% yoy**

Highest monthly production

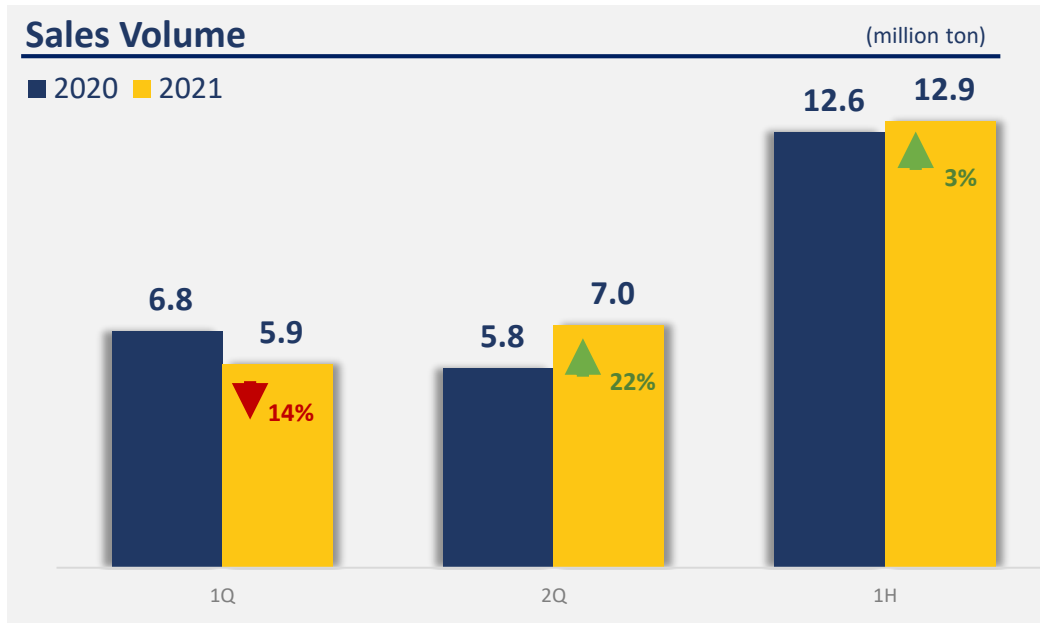


Production Volume by Area

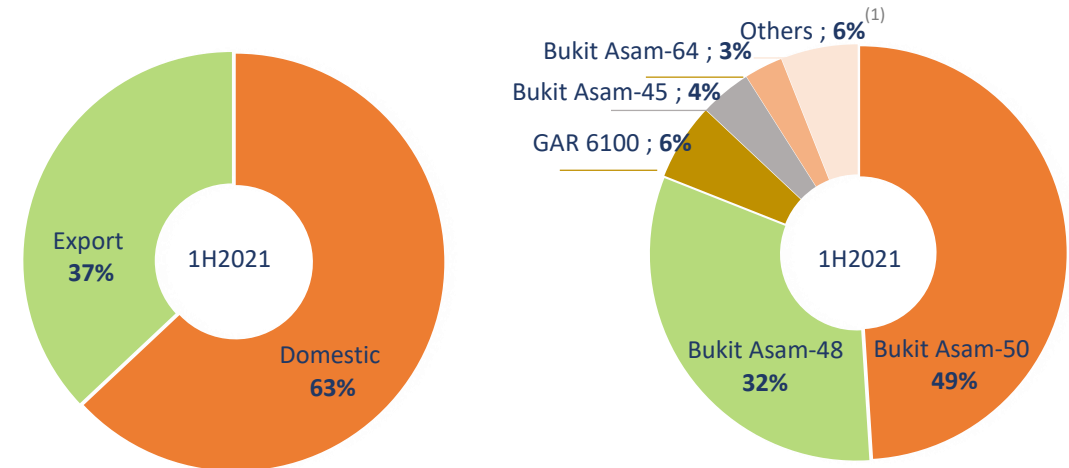


- High production in 2Q2021 successfully covered low production performance in 1Q2021
- June production reached the highest monthly production since PTBA began the operations
- Stripping ratio 1H2021 remains low and equal to yoy

... with a strong strategy of quality, volume and shipment accuracy



Sales Volume by Destination and Quality



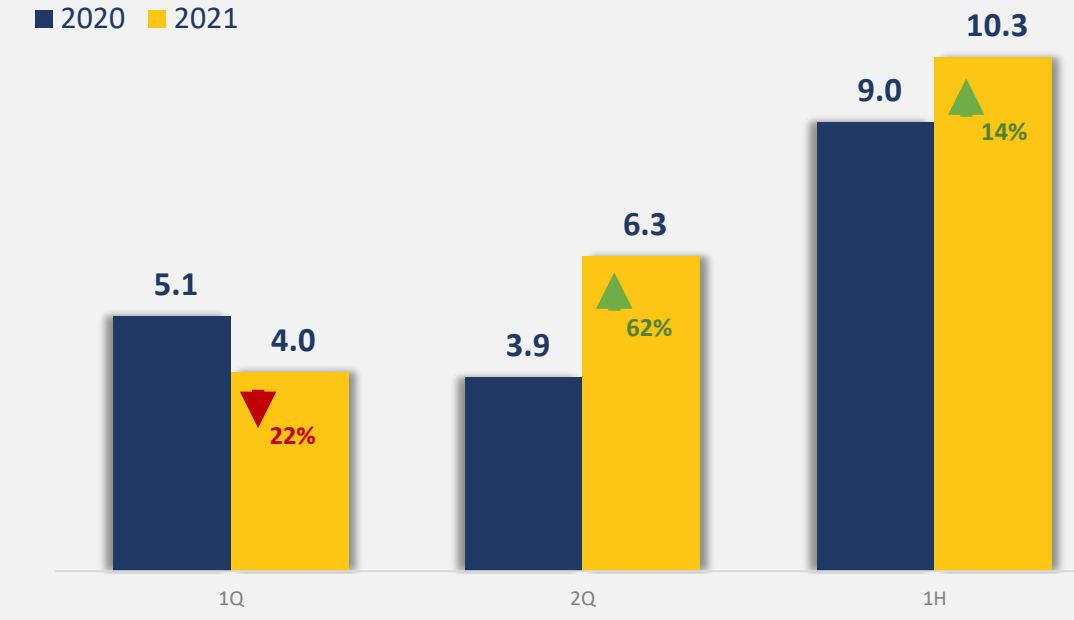
- Export sales in 2Q2021 ▲ 63% of 1Q2021
- HCV sales in 2Q2021 ▲ more than 3x than 1Q2021
- 92% of FY2021 sales target have been sold (contracted)



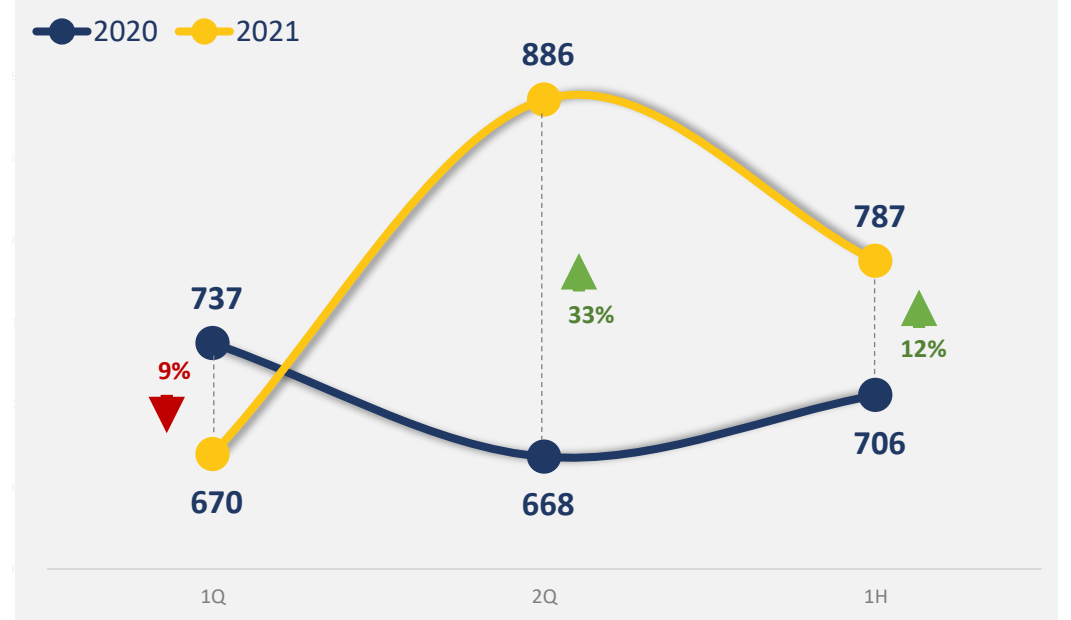
(1) Bukit Asam-47, GAR 6700, Bukit Asam-46, Bukit Asam-67 and IPC

... succeed to boost revenue

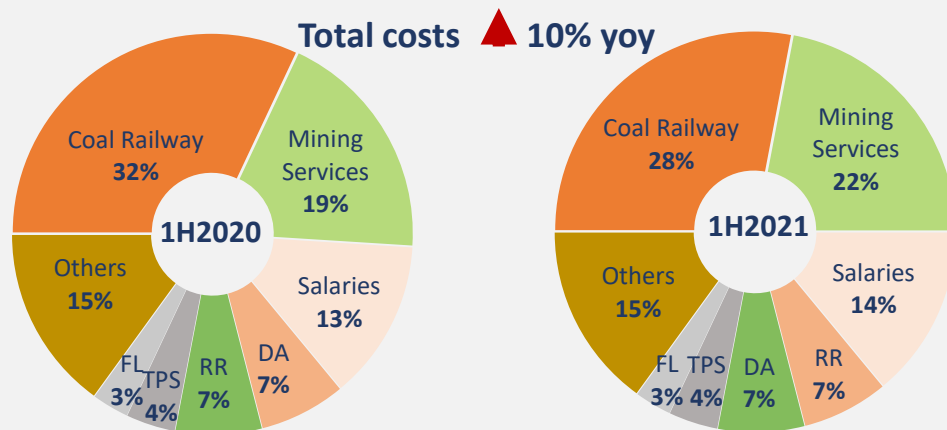
Revenue (IDR trillion)



Average Selling Price (IDR thousand)



Cost breakdown ⁽¹⁾



Total cash costs ⁽²⁾ ▲ only 2% yoy

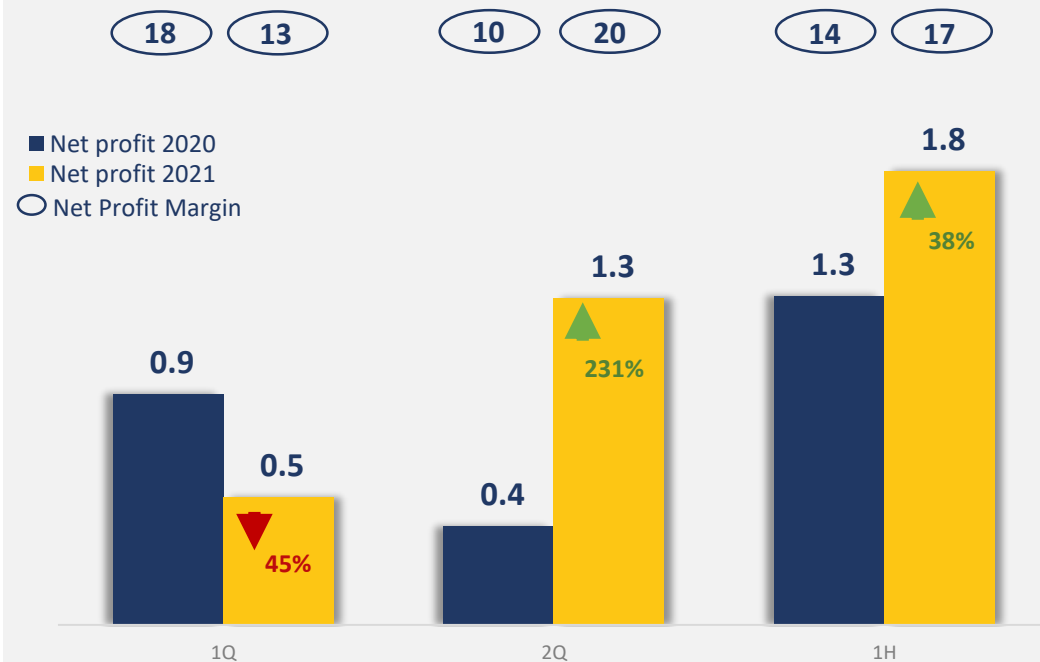
	(IDR thousand / ton)	
	1H2020	1H2021
Total Cash Costs	574	588

(1) Cost breakdown consists of Cost of Revenue, General and Administrative expenses, Selling and Marketing expenses
 (2) Cash Cost consist of Cost of Revenue, General and Administrative expenses, Selling and Marketing expense, excluding Depreciation and Amortisation

... and healthy EBITDA ratio with strong balance sheet

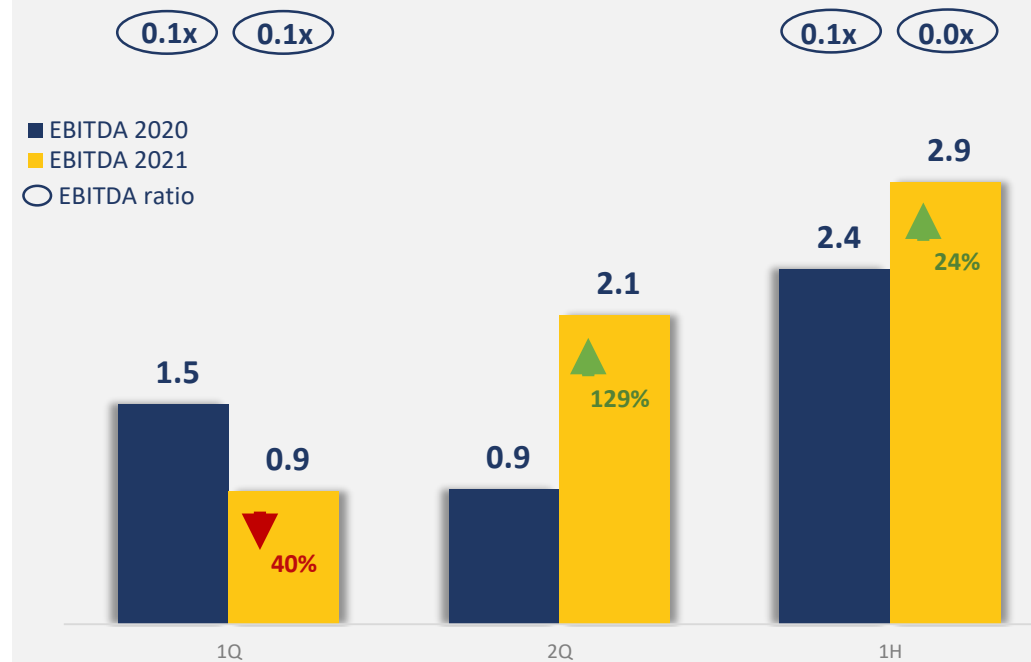
Net Profit and Net Profit Margin

(IDR trillion and %)



EBITDA and Debt⁽¹⁾ to EBITDA⁽²⁾ ratio

(IDR trillion)



Net Cash and Deposit⁽³⁾

(IDR billion)

	1H2020	1H2021
Net Cash and Deposit	8,107.2	5,445.4

(1) Debt consist of bank borrowings and lease obligations, excluding lease obligations of PSAK 73

(2) Annualized EBITDA

(3) Cash and cash equivalents include deposits more than three months, less Debt⁽¹⁾

Initiative Digital mining transformation

heading for Industry 4.0 with current position at 3.6

Map of Operation (MAPO) Development

MAPO application is to assist operational effectiveness (monitoring the condition and position of mining equipment, conveyors, pumps & other operational equipment ⁽¹⁾ as well as the performance of operators via online)



Slope Stability Radar (SSR)

Monitors mine slope stability in real time and detail with ability to detect small movements that are not detected by other monitoring tools, such as monitoring stakes measured manually using GPS



Automatic Train Loading Station

Train loading station (TLS) is a unit for filling coal into trainset and operated by an operator by weighing coal automatically through a PLC (Programmable Logic Controller) system and integrated with the TLS Train Filling Application.



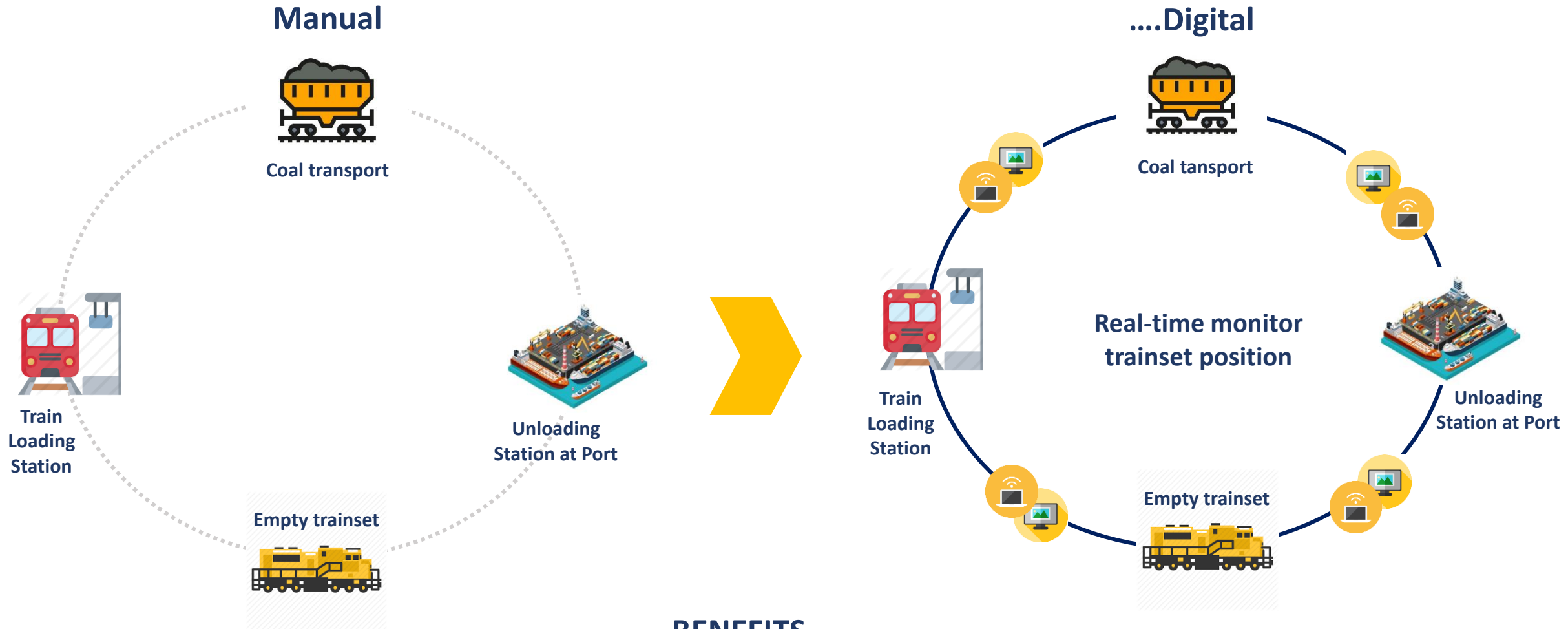
Integrated Water Monitoring System

Integrate reports digitally and provide an early warning system for non-compliance with water quality standards in accordance with laws and regulations



(1) excavator, drill tools, etc

Transportation cost efficiency through digitalization



BENEFITS

- Real time logistics management from loading station, transport and unloading
- Provides sufficient maintenance time for Coal Handling Facility unit and trainset
- Optimization of Train Loading Stations and Unloading Stations to reduce cargo delays
 - Helps achieve railway volume target

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NET ZERO CARBON

An ambitious target to Net Zero Carbon by 2060
support government and in line with Paris Agreement

Carbon Management

- **Environmental-friendly mining operation** : Reduce carbon emission from mining operations
- **Other CCUS (carbon capture, utilization & storage)** : Explore carbon capture as value-adding business
- **Reforestation of ex-mining land** : Assist in carbon removal via reforestation



Electrification
▲ 25%



Revegetation⁽¹⁾
1,396,080 trees



Reclamation
2,119 Ha



1

Provide Climate Information Disclosure which is widely known and become a reference for investors and global rating agencies

2

Adopt the international best practice principles used by world wide multinational companies

3

Comply with MSCI Rating Criteria and beyond the business practices

(1) Include tropical trees with the highest carbon capture potential such as Eucalyptus, teak, conifer, cassia ⁽²⁾

(2) Global carbon dioxide removal rates from forest landscape restoration activities (2018)

Develop community through Corporate Social Responsibility



CSR Distribution Rp61.1 billion

encompass the community by focusing to social, health (such as granting the donation and equipment to break the dissemination of COVID-19), education (such as granting scholarship), environment, and etc



2,399 SME's Partners

create job by developing the SME's across Sumatera, Java and Kalimantan

Provide proper life and prosperity



Housing

Provide proper houses, including the supporting facilities for **1,128 family** in operational area, named **Bara Lestari**



Solar Panel Pump

Solar-powered irrigation pumps to help farmer irrigate their lands in **West Sumatera, South Sumatera and Lampung** in total **292 Ha**

Board skill and diversity



Female Directors

40% from total of Board of Directors



CFRMO as Risk Management Expertise

Complying with International Standard (ISO) is a must



Certification for **ISO 14001**
(Environmental Management System)



Certification for **ISO 45001**
(HSE Management System)

25 awards have been won

Global Good Governance (3G) Award 2021 from Cambridge IFA



- ✓ 3G Championship Award in Corporate Governance Reporting
- ✓ 3G ESG Championship Award for Indonesia

Safety Culture Award (WISCA) 2021

category Silver from WSO
(World Safety Organization)
Indonesia



Zero Accident Award

from Ministry of Manpower



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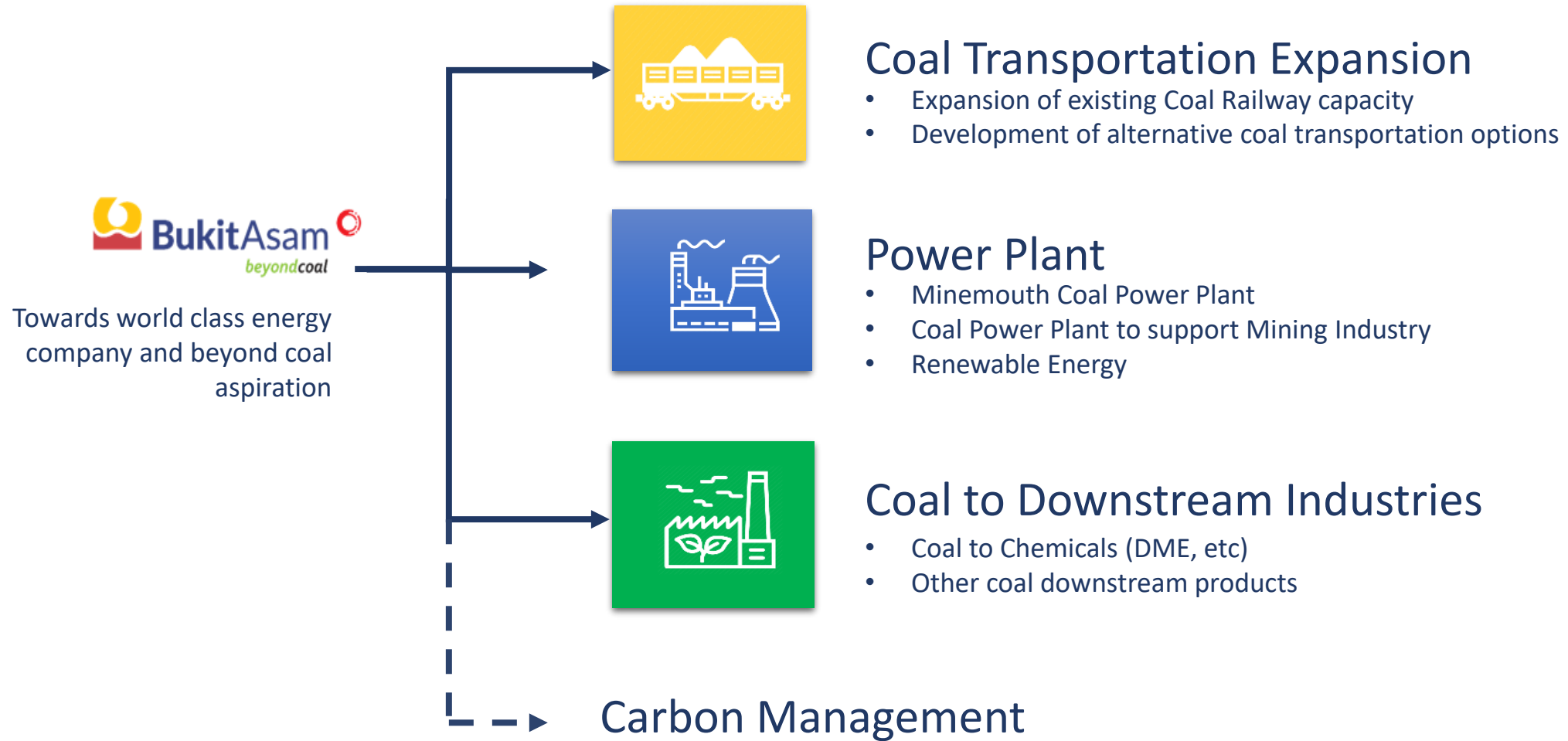
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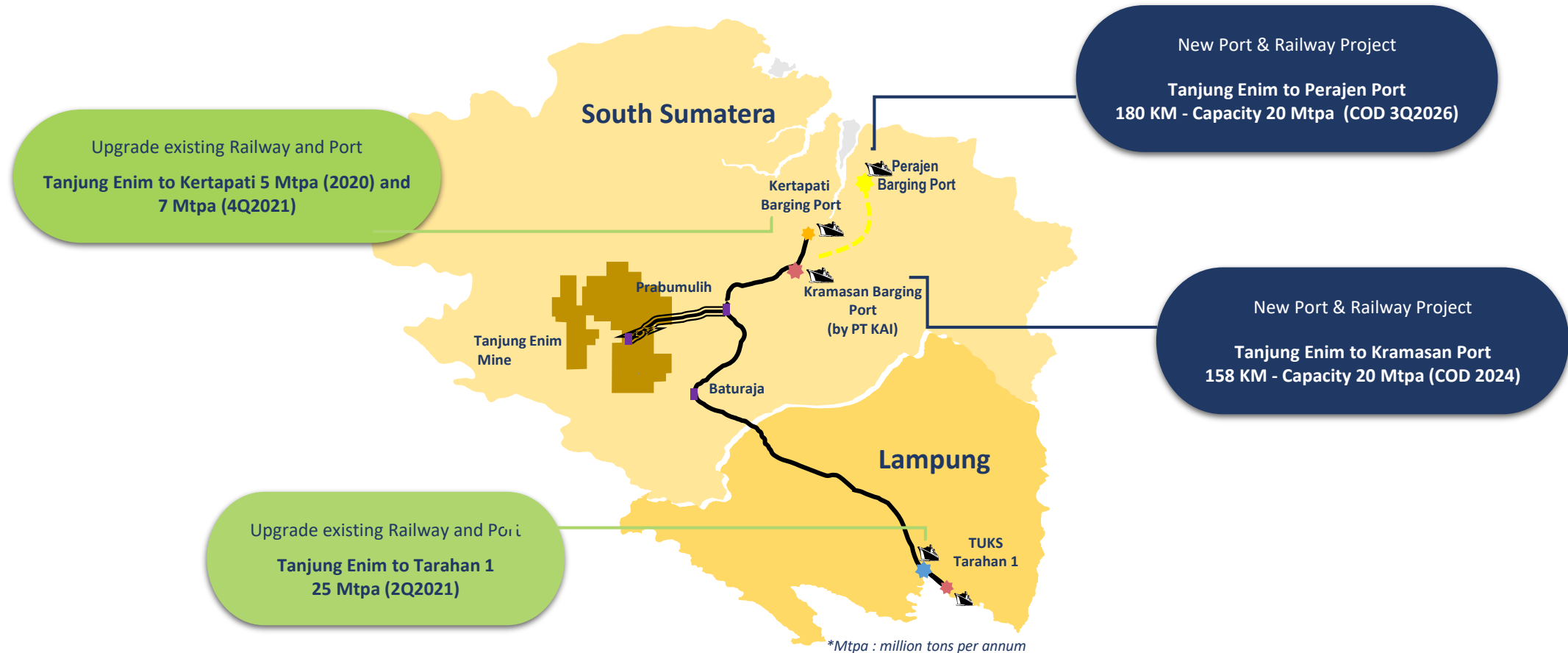




Coal transportation expansion

Expansion of coal railway capacity and new port

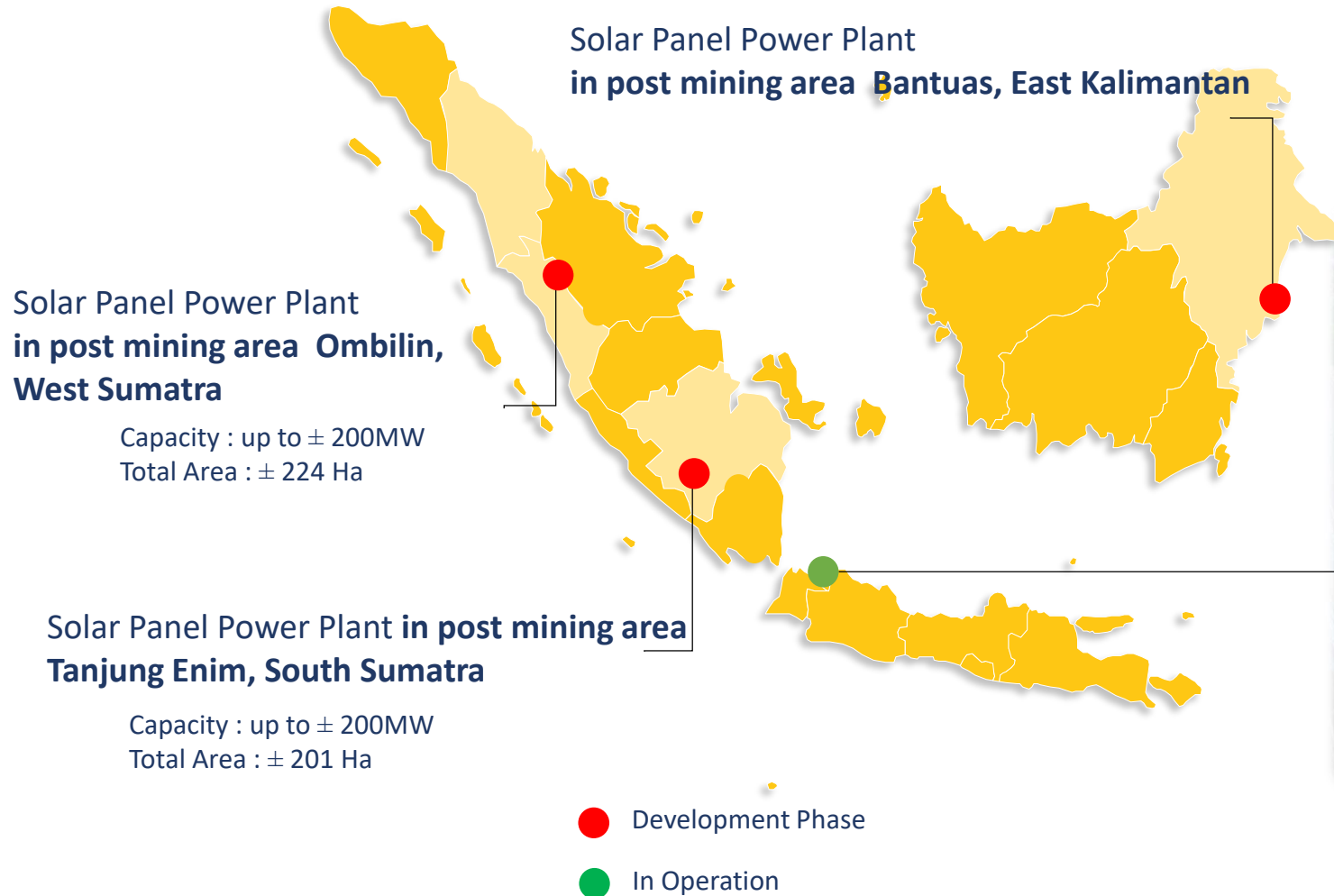
to 32mt in 2021 and 72mt in 2026



Mine Mouth CFPP Sumsel-8



Construction
progress
88.15%
as of July 2021



PTBA synergy with Angkasa Pura II

As a commitment and capability to develop solar panel power plant and also supporting the eco-airport program



In AOCC (AirPort Control Operation Center) building Soekarno Hatta Airport
COD October 2020

Coal to Chemicals Industry Development

To create added values for our coal in Tanjung Enim, South Sumatera, PTBA in cooperation with Pertamina and strategic partner, initiated the development of Coal to Chemicals industry in Tanjung Enim



COAL TO DME PLANT



BATUBARA 6 mtpa



SYNGAS

Gasification



METHANOL



DME 1.4 mtpa



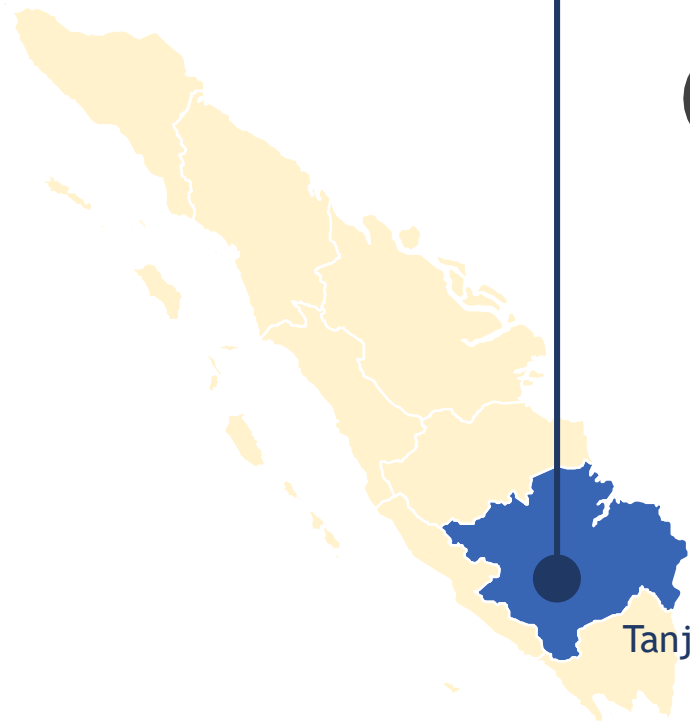
As an alternative energy source to substitute LPG



To reduce dependency on imported energy (~70% of domestic LPG is imported)



To improve national energy resilience by utilizing local energy sources



Tanjung Enim

*mtpa : million tons per annum

Thank You

A large decorative graphic in the bottom right corner consisting of a yellow triangle pointing left and a dark blue triangle pointing right, meeting at a central vertical line.