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- 1 OVERVIEW AND EVOLUTION OF BARITO PACIFIC
- 2 CREATION OF A LEADING INDONESIAN ENERGY GROUP
- 3 KEY INVESTMENT HIGHLIGHTS
- 4 UPDATE ON CHANDRA ASRI
- APPENDIX



Section 1

# OVERVIEW AND EVOLUTION OF BARITO PACIFIC

# **Barito Pacific at a Glance**

# As of today



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# PT Chandra Asri Petrochemical Tbk ("CAP") Chandra Asrı

Domestic market share

approximately 52% and

Market capitalization of

c.US\$7.7bn as at 2

(including imports) of

27% in olefin and

polyolefins.

respectively(6)

March 2018(7)

**Petrochemicals** 

Griya Idola

**Property** 

PT Griva Idola

100%

- Wisma Barito Pacific office complex in Jakarta
- Integrated industrial park: 60 ha
- Wisma Barito Pacific 2 (expected completion: 2Q 2020)
- Hotel Mambruk Anyer

# ■ CPO plantation: 10,865 ha

- Industrial forest estate: 149,000 ha<sup>(3)</sup>
- Particle board production plant: 60,000m³ pa

Plantation and Forestry

PT Royal Indo Mandiri

("RIM")

100%

#### 2,000MW ultra supercritical coal-fired power project (scheduled COD in 2023)

**Power** 

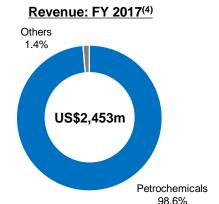
Indo Raya Tenaga

INDO RAYA TENAGA

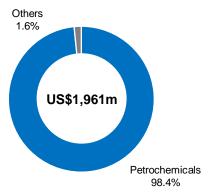
49%(5)

 Barito Pacific will be a lead sponsor in consortium with PLN

#### **Financial Performance**



#### Revenue: FY 2016<sup>(4)</sup>



#### Net Income

- <u>FY 2017</u>: US\$280m
- FY 2016: US\$280m

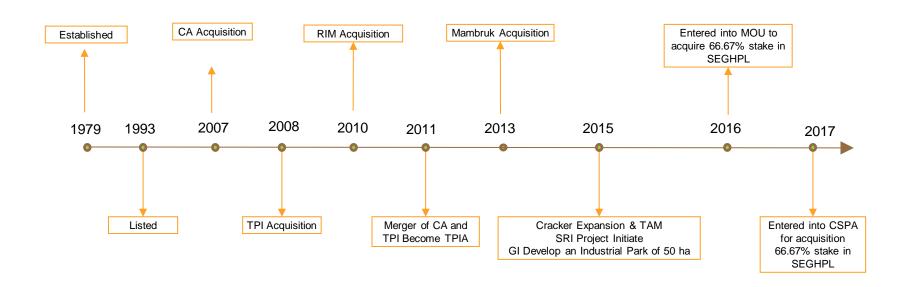
#### Net Debt<sup>(8)</sup> / EBITDA<sup>(9)</sup>

- <u>FY 2017</u>: 0.06x
- <u>FY 2016</u>: 0.45x

- Listed on the IDX since 1993, Barito Pacific has a market capitalization of c.US\$2.7bn as at 2 March 2018<sup>(7)</sup>
- Barito Pacific's largest shareholder is Prajogo Pangestu with a 71.2% stake<sup>(2)</sup>
- (1) As at 31 January 2018. Direct 41.5% and indirect 4.8%
- (2) As at 31 December 2017
- (3) Held under subsidiaries separate from RIM PT Rimba Equator Permai, PT Mangole Timber Producers, PT Kirana Cakrawala ("KC"), PT Kalpika Wanatama ("KW"), PT Tunggal Agathis Indah Wood Industries. KC and KW are 60% owned by Barito Pacific
- (4) External revenue as per Barito Pacific's 31 December 2017 financial statements
- (5) Held indirectly though PT Barito Wahana Lestari
- (6) For the year ended 31 December 2016 according to Nexant; polyolefin market share based on combined figures of polyethylene and polypropylene
- (7) Source: Bloomberg
- (8) Net debt is total debt minus cash and cash equivalents (excluding restricted cash). Total debt is long-term liabilities, which include bank loans, bonds payable and derivative financial liabilities
- (9) EBITDA is defined as net profit for the period before finance cost net of interest income, income tax expense net, depreciation and amortization, adjusted for unrealized foreign exchange loss/(gain), loss (gain) on derivative financial instruments, share in net loss of an associate



#### **Milestone**



#### Note:

SEIL: Star Energy Group Holding Pte Ltd

■TAM : Turn Around Maintenance

■CA: Chandra Asri

■TPI: PT Tri Polyta Indonesia Tbk

■TPIA: PT Chandra Asri Petrochemical Tbk

RIM: PT Royal Indo Mandiri

■SRI: PT Synthetic Rubber Indonesia

•GI: PT Griya Idola

# Chandra Asri Petrochemical at a Glance

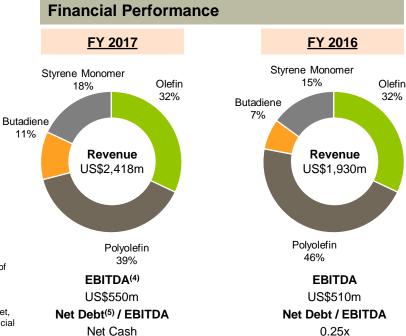
# Largest integrated petrochemical producer in Indonesia



- Market leader in highly attractive Indonesia and SE Asia petrochemical market
  - Domestic market share (including imports) of approximately 52% and 27% in olefin and polyolefins, respectively<sup>(1)</sup>
  - 3.3 mtpa of existing production capacity
    - 1,330 ktpa of olefins
    - 816 ktpa of polyolefins
- ✓ Integration from upstream cracker to downstream polyolefin products
- ☑ Strategically located near key customers with a captive distribution network
  - Significant cost efficiencies for CAP and its key customers
- ✓ **Long-standing relationships** with diversified customer base:
  - No single customer accounts for more than 8% of consolidated revenue
  - Most customers produce for the domestic market and not for export
- - Benefits from scale of feedstock sourcing and stable supplier relationships
- Transformed in 2016 following the 4Q 2015 Naphtha Cracker expansion, resulting in significant EBITDA growth, reinforced balance sheet and a more diversified product mix
- ☑ **Support** from Barito Pacific Group and Siam Cement Group ("**SCG**")
  - Barito Pacific's stake in CAP: 46.3%<sup>(2)</sup>
  - SCG's stake in CAP: 30.6%
- ☑ Vital National Object status
- ☑ Listed on IDX since 1994 with a market capitalization of c.US\$7.7bn as at 2 March 2018<sup>(3)</sup>
- For the year ended 31 December 2016 according to Nexant; polyolefin market share based on combined figures of polyethylene and polypropylene
- (2) As at 31 January 2018. Direct 41.5% and indirect 4.8%
- (3) Source: Bloomberg
- (4) EBITDA is defined as net profit for the period before finance cost net of interest income, income tax expense net, depreciation and amortization, adjusted for unrealized foreign exchange loss/(gain), loss (gain) on derivative financial instruments, share in net loss of an associate
- (5) Net debt is total debt minus cash and cash equivalents (excluding restricted cash). Total debt is long-term liabilities, which include bank loans, bonds payable and derivative financial liabilities



CAP's main integrated manufacturing complex





Section 2

# CREATION OF A LEADING INDONESIAN ENERGY GROUP

# Acquisition of a 66.67% Stake in Star Energy



- Star Energy is Indonesia's leading geothermal independent power producer ("IPP"):
  - Consolidated operating capacity: 875 MW (steam and electrical power)
  - Net operating capacity: 473 MW (steam and electrical power)
  - Key assets (consolidated / net capacity): Wayang Windu (227 / 136 MW), Salak (377 / 196 MW), Darajat (271 / 141 MW)
  - BCPG, a Thai listed renewable energy company, owns a 33.33% stake
- On 20 December 2016, Barito Pacific entered into a Memorandum of Understanding ("MoU") with Star Energy Investment Ltd ("SEIL") and SE Holdings Limited (both beneficially owned by Prajogo Pangestu ("PP")), which was supplemented by the Supplemental Memorandum of Understanding dated 21 March 2017 (the "Supplemental MoU") to acquire a 66.67% equity interest in Star Energy Group Holdings Pte Ltd ("Star Energy" or "SEGHPL")
  - Pursuant to the MoU and Supplemental MoU, an initial refundable deposit of approximately US\$58.6m was paid in December 2016 and a second refundable deposit of approximately US\$175.7m was paid in March 2017 (for an aggregate refundable deposit of US\$234.3m)
- On 12 December 2017, Barito Pacific entered into a Conditional Sale and Purchase Agreement ("CSPA") for the acquisition of a 66.67% stake in Star Energy Group Holdings Pte Ltd ("Star Energy" or "SEGHPL") with Prajogo Pangestu ("PP") (the "Proposed Transaction")
- The CSPA was amended on 2 March 2018, pursuant to which, among other things:
  - A price adjustment mechanism was agreed whereby the consideration for the Proposed Transaction would be increased in certain circumstances based on the financial performance of Star Energy in the 12 month period following completion of the sale and purchase of SEGHPL shares
- The transaction is **value accretive** to Barito Pacific, giving shareholders a **unique opportunity** to gain exposure to geothermal assets at an **attractive valuation**:
  - The transaction consideration implies an EV/MW of US\$4.4m/MW<sup>(1)</sup>, vs. typical development costs for geothermal power projects in Indonesia of US\$6m/MW<sup>(2)</sup>







# **Key Terms of the Star Energy Acquisition**



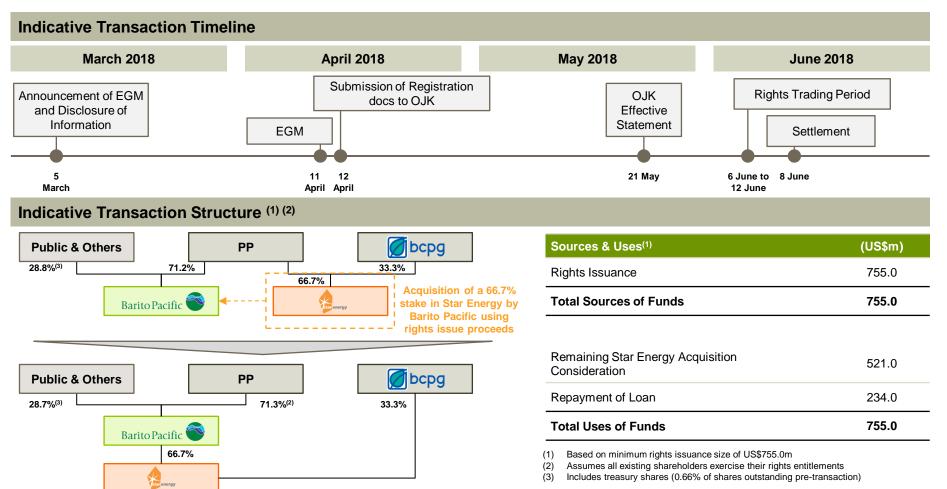
- Key terms of the Proposed Transaction:
  - Consideration: US\$755.0m for a 66.67% stake in SEGHPL
  - Payment:
    - Deposit of US\$234.3m (paid pursuant to the MOU dated 20 December 2016 and Supplemental MOU dated 21 March 2017); and
    - New shares to be issued by Barito Pacific as part of the Rights Offering; and/or
    - Cash
  - Conditions Precedent:
    - Completion of SEGHPL internal restructuring
    - Barito Pacific to obtain shareholders' and commissioners' approval for the Proposed Transaction and the required issuance of new shares
  - Price Adjustment:
    - Occurs if the Aggregate Net Income<sup>(1)</sup> in any three month period in the 12 months after completion of the sale and purchase of SEGHPL shares exceeds a three-month benchmark period from 2017 by more than US\$2.5 million (the "Benchmark Period")
    - Increase of US\$6.25 million in purchase price for every US\$150,000 increase in Aggregate Net Income in such threemonth period relative to the Benchmark Period
    - Payable in cash, shares in Barito Pacific (at an IDR200 premium to the 25-day average closing price immediately prior to announcement of EGM to approve issue of Adjustment shares) or a combination
    - Price adjustment capped at value of shares equivalent to 10% of the total issued and paid-up capital of Barito Pacific
- Barito Pacific has appointed KJPP Jennywati, Kusnanto & Rekan ("JKR") as an independent appraiser to assess the fair market value of SEGHPL:
  - Based on JKR's share valuation report dated 2 March 2018, the fair market value of a 66.67% stake in SEGHPL as of 31 December 2017 is US\$786m
  - Based on its review of the financial impact of the acquisition plan, JKR concluded that the acquisition plan is fair

<sup>(1)</sup> Aggregate Net Income shall mean the aggregate net monthly income of the Group, after tax, attributable to the Purchaser (and for the avoidance of doubt, excluding any extraordinary non-recurring items) during the three-month reference period as evidenced by agreed upon procedures certified by the auditors of the Company

# **Transaction Timeline & Structure**



- As announced on 12 December 2017 and as further updated in its 5 March 2018 announcement, Barito Pacific plans to raise up to US\$1bn through a Limited Public Offering with Pre-emptive Rights ("LPO")
  - Maximum number of shares: 5,600 million (40.1% of the issued and fully paid up capital)
  - Issuance of warrants exercisable into a maximum of 1,400 million of Barito Pacific shares
  - A portion of the entitled rights of PP, Barito Pacific's majority shareholder, will be settled at the LPO price by transferring his ownership in SEGHPL
- The LPO and the Proposed Transaction are subject to shareholders' and commissioners' approval





#### **Operating assets**

#### **Wayang Windu**



- Bandung Regency, West Java
- 227 MW total installed capacity
  - Unit 1 (Power): 110 MW
  - Unit 2 (Power): 117 MW
- SEGHPL effective ownership: 60.00%
- Tariff Increase of US¢3.11/kWh effective April 2016

#### Salak



- Sukabumi Regency and Bogor Regency, West Java
- 377 MW total installed capacity
  - Units 1 to 3 (Steam): 3 x 60 MW
  - Units 4 to 6 (Power): 3 x 65.6 MW
- SEGHPL effective ownership: 51.95%
- Acquired from Chevron on 31 March 2017

#### **Darajat**



- Garut Regency and Bandung Regency, West Java
- 271 MW total installed capacity
  - Unit 1 (Steam): 55 MW
  - Unit 2 (Power): 95 MW
  - Unit 3 (Power): 121 MW
- SEGHPL effective ownership: 51.95%
- Acquired from Chevron on 31 March 2017

#### **Exploration projects**

- SEGHPL has the right to match the best tender offer for the license in Hamiding concession and South Sekincau concession to develop the resource area
  - Preliminary survey field work for the South Sekincau steamfield was completed in 2015 by Chevron

The third largest geothermal IPP globally and the largest in Indonesia (1)

1) Based on 2017 installed capacity.



- Consolidate leadership positions in the Indonesian energy market
- Transform Barito Pacific into an integrated energy group with full operational capabilities
- Secure long-term contracted cash flows from energy assets
- Diversification of sources of earnings
- Gain exposure to geothermal assets at an attractive valuation
- Gain proven operational experience and development track record through Star Energy management team
- Increase ability to attract and retain key talent by offering broader career development opportunities across the Group
- Strengthen and diversify growth opportunities pipeline
  - A strategic combination to create the largest integrated energy player in Indonesia and drive shareholder value

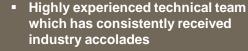
# **Star Energy's Competitive Edge**

Indonesia's premier geothermal platform





- Well-established history of operational performance and reliability
- Systematic and robust maintenance procedures in place to ensure continued operational excellence









- Scale and asset proximity contributes to operating cost synergies
- One-rig strategy will optimize drilling costs across all 3 projects

- Long-term offtake agreements with state-owned enterprises with the majority contracted on a take-or-pay basis
- Wayang Windu benefits from Government Support Letters





- Ability to grow geothermal asset portfolio via greenfield developments and acquisitions
- Project development team also mobilised to develop Java 9 & 10 ultra supercritical coal-fired power project

- Strong shareholder support from industry-leading partners e.g.
   Mitsubishi, EGCO, Ayala
- Trusted relationships with key stakeholders at all levels including local and national government entities and international banks



As part of the Barito Pacific group, Star Energy will be ideally placed to enjoy better operating margins via cost synergies and a greater ability to seize expansion opportunities both domestically and internationally

# Acquisition of a 66.67% stake in Star Energy

# Financial impacts of the transaction



- Total Purchase Consideration of US\$755 (1) million
  - US\$3.2bn Implied Enterprise Value (2)
  - 9.1x 2017 EBITDA (3), (4)
- Expected synergies
  - Lower corporate development costs and retain talent: cross-leverage on management talent pool and experienced executive professionals to develop existing and new businesses while providing individuals with opportunities for career development
  - Lower capex costs: best practice sharing in capex and project management
  - Lower cost of funding:
    - Stable cash flows from Star Energy to reduce volatility in expected leverage ratios of the Group
    - Enlarged market capitalisation of the Group to improve stock liquidity and credit rating of the parent entity

FYE 31 December 2017 (US\$m)	EBITDA	Net Income	Net Debt <sup>(5)</sup> / (Net Cash)	Net Debt <sup>(5)</sup> / EBITDA
Barito Pacific	550	280	33	0.1x
Attributable to Barito Pacific Shareholders	-	118	-	-
SEGHPL	350 <sup>(3)</sup>	91 <sup>(3)</sup>	1,695	4.9x <sup>(3)</sup>
Attributable to SEGHPL Shareholders	-	50	-	-
Attributable to Barito Pacific Shareholders	-	33	-	-
Pro-forma Consolidated	900	370	1,728	1.9x
Attributable to Barito Pacific Shareholders	-	151	-	-



<sup>(1)</sup> Prior to any price adjustment

<sup>(2)</sup> Enterprise Value is equity value plus debt minus cash and cash equivalents (excluding restricted cash) plus minority interest

<sup>(3)</sup> SEGHPL completed the acquisition of Salak and Darajat on 31 March 2017; hence for the period 1 January 2017 to 31 December 2017, the EBITDA and Net Income contribution from Salak and Darajat was effective only from 1 April 2017 to 31 December 2017; excludes discontinued operations

<sup>(4)</sup> EBITDA is defined as net profit for the period before finance cost - net of interest income, income tax expense - net, depreciation and amortization, adjusted for net foreign exchange loss/(gain), loss (gain) on derivative financial instruments, share in net loss of an associate; includes a one-time adjustment for loss on bond redemption in 2017

<sup>5)</sup> Net debt is total debt minus cash and cash equivalents (excluding restricted cash). Total debt is long-term liabilities, which include bank loans, bonds payable and derivative financial liabilities



Section 3

# **KEY INVESTMENT HIGHLIGHTS**

# **Key Investment Highlights**

Post acquisition of Star Energy



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Market leading positions in Indonesia's petrochemical and power industries with key assets strategically located in Java

- Strong track record of operational performance
  - Predictable and stable cash flows from geothermal power **business** 
    - World class partners
      - Track record of delivering strategic projects on time and on budget
    - Highly visible and tangible pipeline growth
    - Well positioned to benefit from Indonesia's growth
- Attractive industry outlook for the power and petrochemicals 8 industries
- Highly experienced management team with proven track record of managing and expanding operations



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# **Barito Pacific Group Structure**Post acquisition of Star Energy







	PETROCHEMICAL	FY2017 Revenue: US\$2,419m
46.3%	Chandra Asru Petrochemical  Integrated complex from upstream naphtha cracker to downstream polyolefin products  Ethylene: 860 ktpa  Polyethylene: 336 ktpa  Styrene Monomer: 340 ktpa  Polypropylene: 480 ktpa  Butadiene: 100 ktpa  Market share of approximately 52% and 27% of the domestic market (including imports) in olefin and polyolefins, respectively <sup>(3)</sup>	30.6% SCG
	OTHERS	FY2017 Revenue: US\$34m
100.0%	Griya Idola (Property) ■ Wisma Barito Pacific office complex in Jakarta ■ Integrated industrial park: 60 ha	
100.0%	RIM Group (Plantation)  CPO plantation: 10,865 ha	
100.0%	Forestry ■ Industrial forest estate: 149,000 ha ■ Particle board production plant: 60,000 m³ pa	

- (1) SEGHPL completed the acquisition of Salak and Darajat on 31 March 2017; hence for the period 1 January 2017 to 31 December 2017, the revenue contribution from Salak and Darajat was effective only from 1 April 2017 to 31 December 2017; excludes discontinued operations
- (2) Excludes Java 9 & 10
- For the year ended 31 December 2016 according to Nexant; polyolefin market share based on combined figures of polyethylene and polypropylene

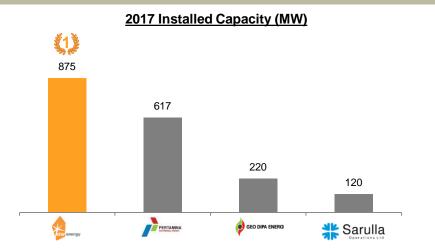
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# **Market Leading Positions**



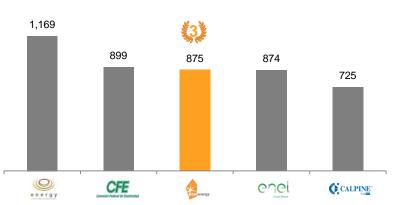


## Geothermal Energy Producers in Indonesia(1)



# Top Geothermal Energy Producers Globally(1)

## 2017 Installed Capacity (MW)

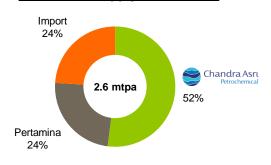


#### Source: World Energy Council Publication: World Energy Resources 2016, company websites, company filings

Based on combined figures of polyethylene and polypropylene

## Olefin producers in Indonesia<sup>(2)</sup>

#### 2016 Olefin Supply in Indonesia





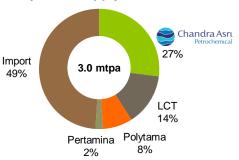
largest Olefin producer in Indonesia



1 largest Olefin producer in Southeast Asia

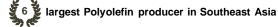
#### Polyolefin producers in Indonesia<sup>(2) (3)</sup>

#### 2016 Polyolefin Supply in Indonesia





largest Polyolefin producer in Indonesia

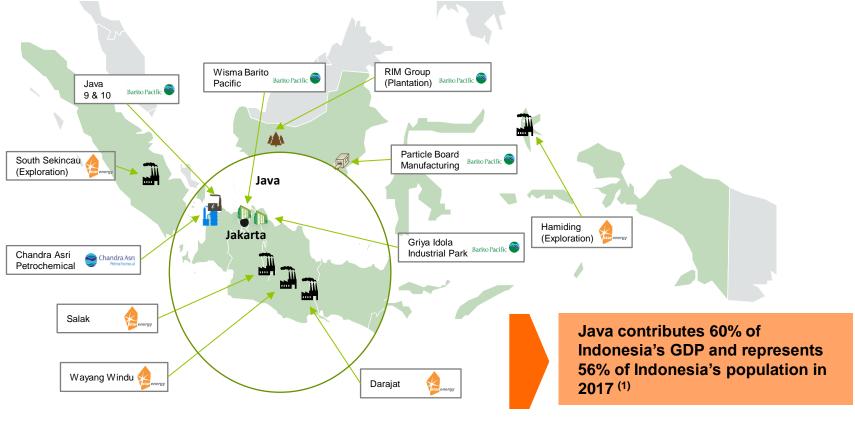


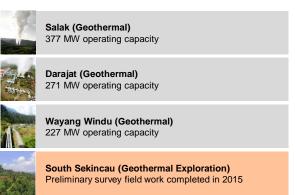
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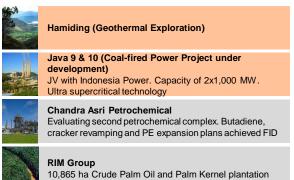
# **Leading Indonesian Integrated Energy Group**



...with the Group's key assets strategically located in Java









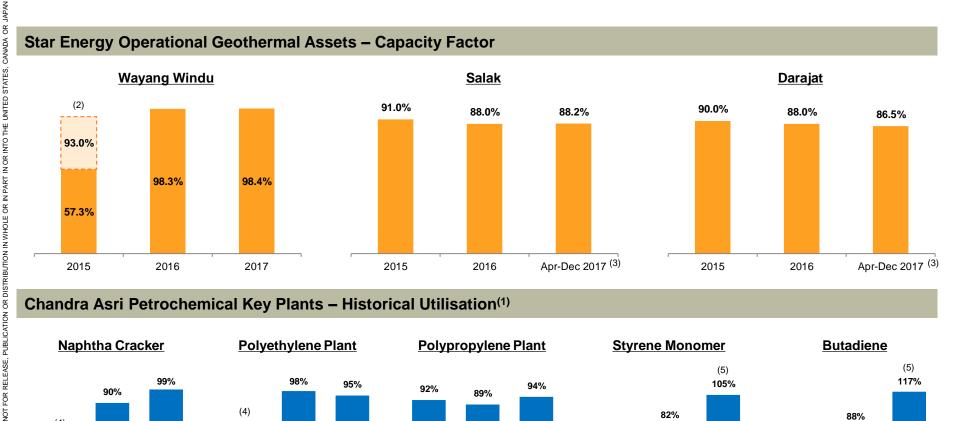
**Future Developments** 

(1) Source: Frost & Sullivan

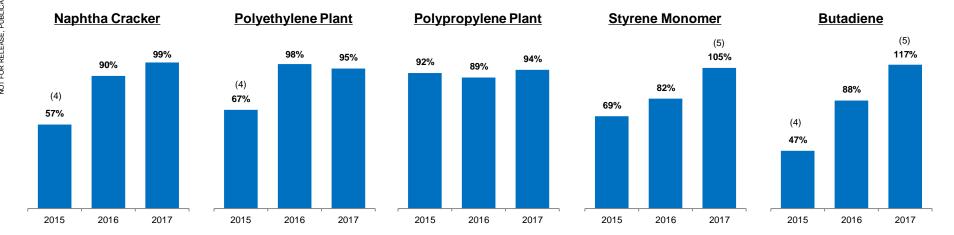
# **Strong Track Record of Operational Performance**



# **Star Energy Operational Geothermal Assets – Capacity Factor**



## Chandra Asri Petrochemical Key Plants – Historical Utilisation<sup>(1)</sup>



- Utilisation defined as actual output / maximum theoretical output. Maximum theoretical output based on installed capacity, not adjusted for scheduled maintenance
- Force Majeure: Landslide on 5 May 2015 forced the shutdown of operations for c.4 months, with dotted lines representing utilisation prior to landslide
- (3)Star Energy completed the acquisition of Salak and Darajat on 31 March 2017, and began consolidating them on 1 April 2017
- (4) 4Q 2015: Scheduled turn around maintenance of Naphtha Cracker and expansion tie-ins
- (5) Figures >100% denote utilization in excess of nameplate capacity



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# Predictable and Stable Cash Flows from Geothermal Business



- Long-term offtake agreements with state-owned enterprises (PLN and Pertamina)
  - PLN benefits from financial support from the Government of Indonesia



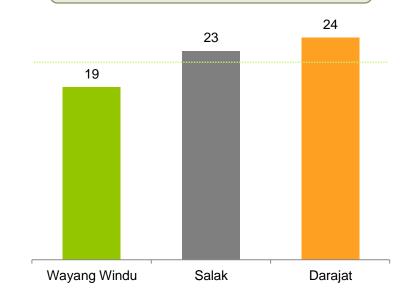


PLN

- Capacity contracted on take-or-pay basis:
  - Wayang Windu: 95%
  - Darajat: 80% (Unit 1); 95% (Units 2 and 3)
  - Salak: 95% (Units 1 to 3); 90% (Units 4 to 6)
- Tariffs protected against macroeconomic risks
  - FX risk: Capacity payment tariffs denominated in USD
  - Inflation risk: O&M portion of tariffs adjusted for Indonesia and US inflation
  - Cost inflation risk: Tariffs adjusted for machinery and tools inflation

# Remaining Contract Life by Asset (years)

Current contracts have a capacity weighted average remaining term of ~22 years



Stable cash flows underpinned by long-term take-or-pay offtake agreements from the geothermal business will provide a cushion against the cyclical nature of the petrochemical business

# **World Class Partners**



Business model which thrives upon long-term strategic and customer relationships

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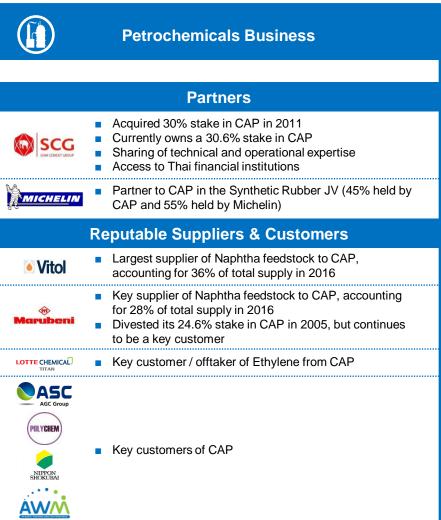
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Partnered with Star Energy on a Joint Operation

Contract basis to develop geothermal fields in Indonesia





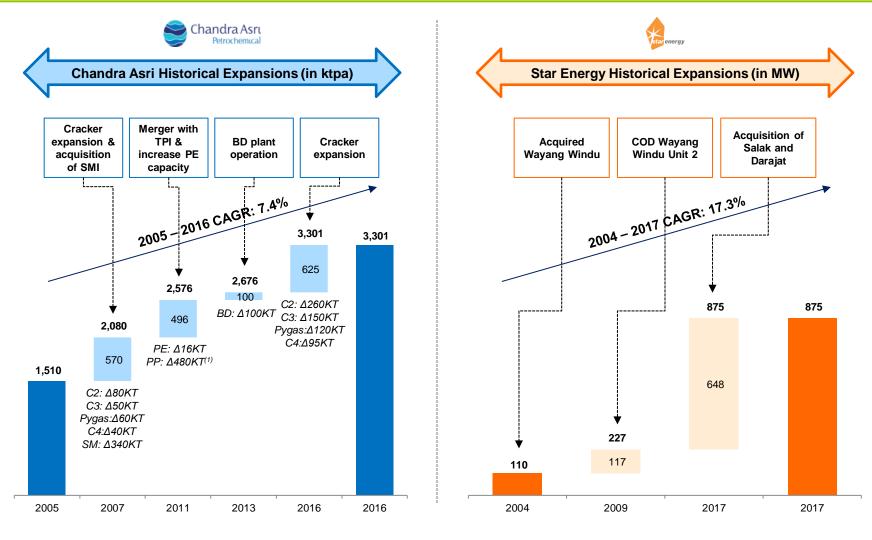
Strong support from world class partners is a testament to the quality of Barito Pacific's assets



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# Track Record of Delivering Strategic Projects on Time and on Budget





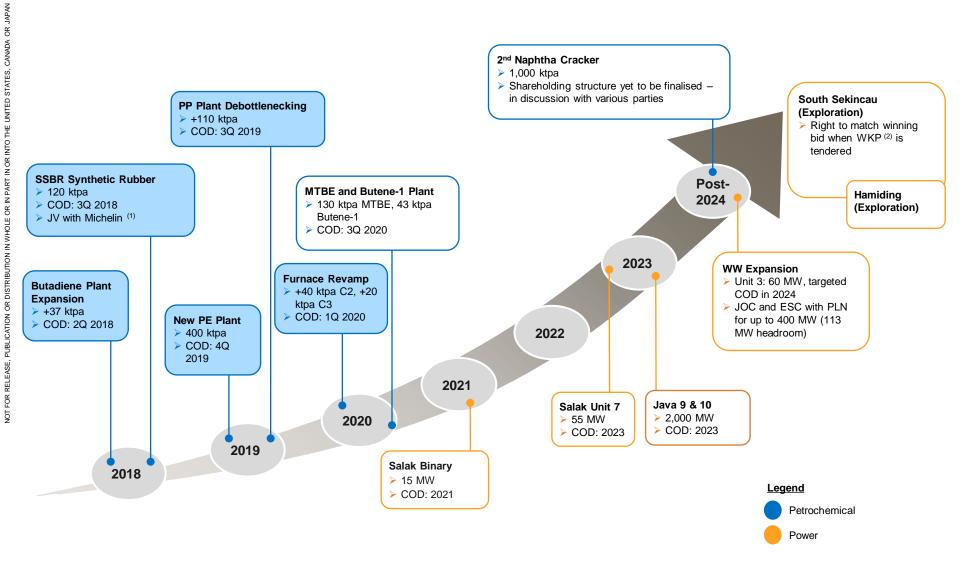




# Sizeable and Tangible Pipeline Growth



High quality organic growth pipeline paving the way for successful expansion



Note: Final investment decision ("FID") projects are shaded in blue (petrochemicals) or orange (power)

- (1) 55% held by Michelin and 45% held by CAP
- (2) Presentation of Evaluation Working Area



# Well Positioned to Benefit from Indonesia's Growth

Operates in key industries with strong underlying growth prospects...



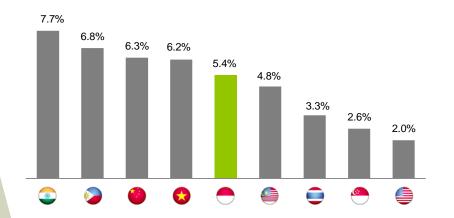
# **Key Growth Drivers in Indonesia**



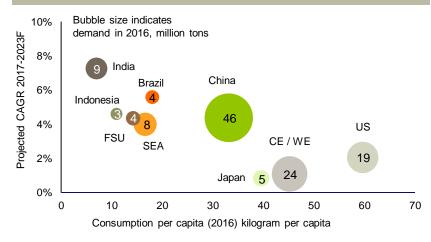
# Population Growth CAGR (2017-2020E)



## GDP Growth CAGR (2017-2020E)



## Polyolefins Consumption per Capita<sup>(1)(2)(3)</sup>



Source: Frost & Sullivan, Nexant, IMF, BKPM

- SEA excludes Indonesia
- Polyolefins include HDPE, LLDPE, LDPE and PP
- FSU: Former Soviet Union; CE: Central Europe; WE: Western Europe

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# **Attractive Industry Outlook**

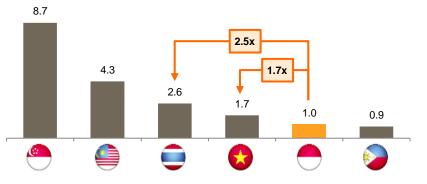
# **Geothermal and Petrochemicals industries outlook in Indonesia**



# **Geothermal Power Industry**

- The 2026 Electricity Supply Business Plan (Rencana Umum Penyediaan Tenaga Listrik – "RUPTL"), lays out the government's electricity development plan from 2017 to 2026
- The RUPTL aims to achieve an electrification ratio for Indonesia of 100.0% by 2025, by developing an additional 80.5 GW of power generation capacity
- Geothermal power generation and output are projected to increase significantly due to the large undeveloped geothermal resources in Indonesia

#### 2016 Electricity Consumption per capita (MWh)

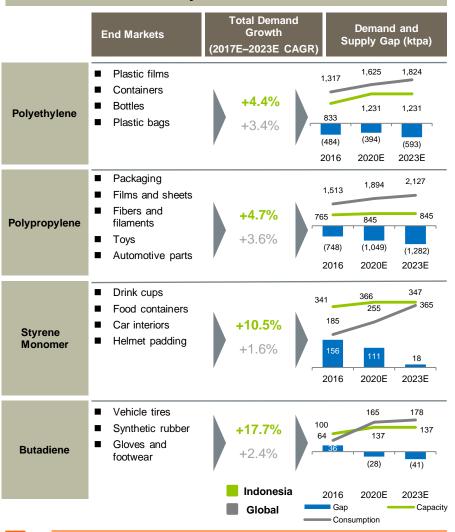


#### **Electricity Demand (TWh)**



Significant headroom for electricity demand growth

# **Petrochemicals Industry**



Indonesia is expected to remain in deficit and dependent on imports

Source: Frost & Sullivan

2) Source: Nexant

Note: Multipliers may not be exact due to rounding

# **Highly Experienced Management Team**

Barito Pacific

...all backed by a team with years of operational expertise adept at forging strategic relationships



#### **Barito Pacific**



Prajogo Pangestu President Commissioner 50 years in industry 25 years with Barito Pacific



Harlina Tjandinegara Commissioner 42 years in industry 25 years with Barito Pacific



Alimin Hamdy Independent Commissioner 30 years in industry 4 years with Barito Pacific



PUBLICATION OR DISTRIBUTION IN WHOLE OR IN PART IN OR INTO THE UNITED STATES, CANADA OR JAPAN

FOR RELEASE,

Agus Salim Pangestu President Director 23 years in industry 21 years with Barito Pacific



Rudy Suparman Vice President Director 31 years in industry 1 year with Barito Pacific



Salwati Agustina Director & Corporate Secretary 23 years in industry 21 years with Barito Pacific



Henky Susanto Independent Director 41 years in industry 21 years with Barito Pacific

#### **Chandra Asri Petrochemical**



Agus Salim Pangestu Commissioner 11 years in industry 11 years with CAP



Ho Hon Cheong Independent Commissioner 2 years in industry 2 years with CAP



Tan Ek Kia Vice President Commissioner / Independent Commissioner 44 years in industry 6 years with CAP



Djoko Suyanto President Commissioner / Independent Commissioner 2 years in industry 2 years with CAP



Loeki S. Putra Commissioner 15 years in industry 15 years with CAP



**Cholanat Yanaranop** Commissioner 30 years in industry 5 years with CAP



Chaovalit Ekabut Commissioner 11 years in industry 5 years with CAP



**Erwin Ciputra** President Director 13 years in industry 13 years with CAP



Kulachet Dharachandra VP Director of Operations 23 years in industry 1 year with CAP



**Baritono Prajogo** Pangestu VP Director of Polymer Commercial 12 years in industry 12 years with CAP



Lim Chong Thian Director of Finance 37 years in industry 12 years with CAP



Suryandi Director of HR and Corporate Admin 27 years in industry 27 years with CAP



Piboon Sirinantanakul Director of Manufacturing 24 years in industry 1 year with CAP



Fransiskus Ruly Aryawan Director of Monomer Commercial 15 years in industry 15 years with CAP

# **Highly Experienced Management Team**



...all backed by a team with years of operational expertise adept at forging strategic relationships

# Barito Pacific

## Star Energy - Board of Directors



Tan Ek Kia Chairman, SEGHPL 44 years in industry 5 years with Star Energy



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Chaiwat Kovavisarach Director SEGHPI 9 years in industry 1 year with Star Energy



Agus Salim Pangestu Director, SEGHPL 23 years in industry 8 years with Star Energy



Ryota Sakakibara Director, SEGPL 15 years in industry 6 years with Star Energy



**Rudy Suparman** Director, SEGHPL 31 years in industry 14 years with Star Energy



Niwat Adirek Director, SEGPL, SEGSD 32 years in industry 5 years with Star Energy



Hendra Soetjipto Tan Director, SEGHPL 20 years in industry 14 years with Star Energy



Patrice R. Clausse Director, SEGSD 8 years in industry 1 year with Star Energy



**Bundit Sapianchai** Director, SEGHPL 30 years in industry 1 year with Star Energy

## Star Energy - Officers



**Rudy Suparman** CEO, SEG Wayang Windu 31 years in industry 14 years with Star Energy



Hendra Soetiipto Tan CFO, SEG Wayang Windu CEO, SEG Salak-Darajat 20 years in industry 14 years with Star Energy



Heribertus Dwivudha VP Operations SEG Wavang Windu 20 years in industry 14 years with Star Energy



Boyke A. Bratakusuma VP Subsurface & Well Testing SEG Wavang Windu 20 years in industry 6 years with Star Energy



Asrizal Masri Principal Technical Advisor SEG Wavang Windu 26 years in industry 5.5 years with Star Energy



Peter Wijaya VP Commercial & Business Development SEG Wayang Windu 22 years in industry 10 years with Star Energy



**Evy Susanty** VP Finance & IT SEG Wayang Windu 18 years in industry 9 years with Star Energy



Suharsono Darmono VP Operations SEG Salak-Darajat 31 years in industry 1 year with Star Energy



Merly VP Finance, Planning & IT SEG Salak-Darajat 20 years in industry 10 years with Star Energy



Kenneth L. Riedel GM Asset Development SEG Salak-Darajat 33 years in industry 1 years with Star Energy



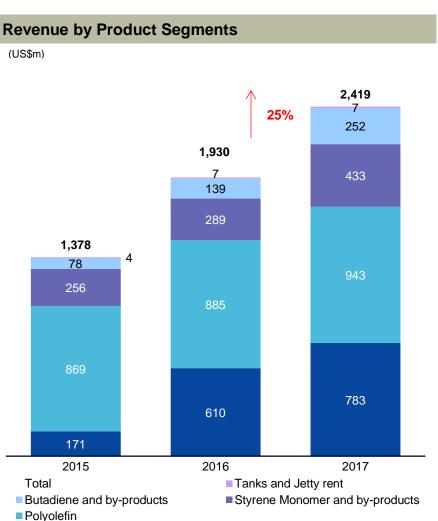
Section 4

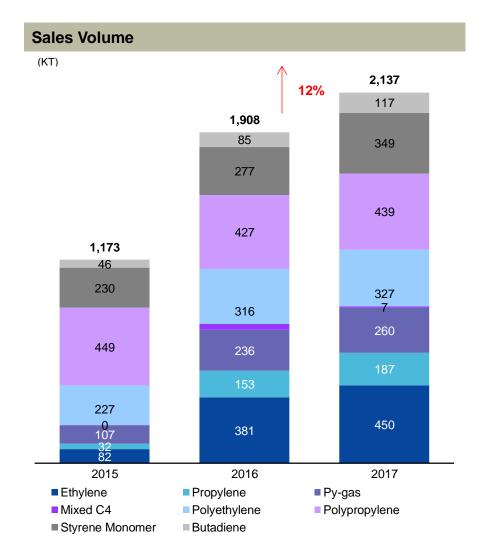
# **UPDATE ON CHANDRA ASRI**

# Resilient Revenue Driven by Diverse Product Portfolio and Increased Volumes



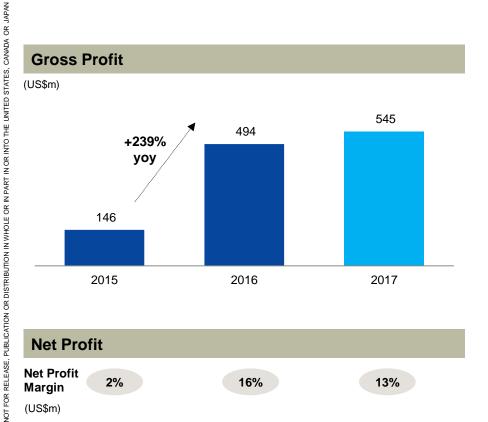


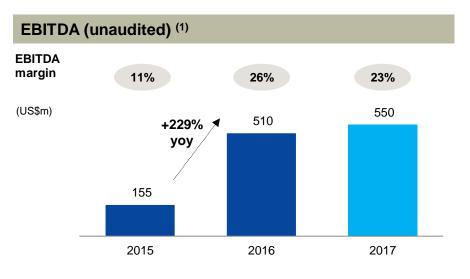


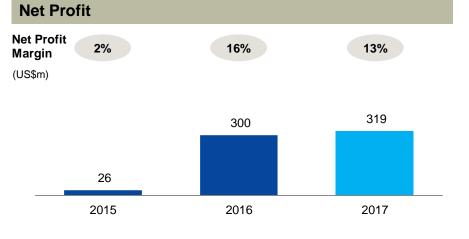


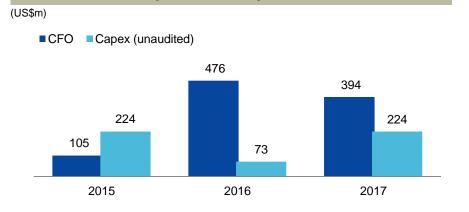
# Strong Financials Further Enhanced by Economies of Scale









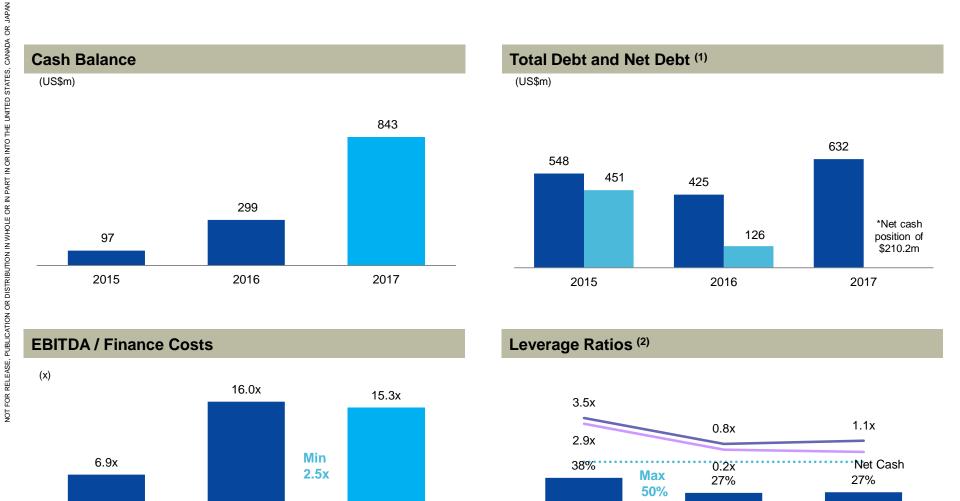


**Cash Flow from Operations, Capex** 

<sup>(1)</sup> EBITDA is defined as net profit for the period before finance cost - net of interest income, income tax expense - net, depreciation and amortization, adjusted for unrealized foreign exchange loss/(gain), loss (gain) on derivative financial instruments, share in net loss of an associate

# Strong Balance Sheet Supported by Financial Profile Strengthening





(1) Net debt is total debt minus cash and cash equivalents (excluding restricted cash). Total debt is long-term liabilities, which include bank loans, bonds payable and derivative financial liabilities

2017

2015

FCCR

2016

(2) Debt to Capitalisation calculated as total debt divided by (total debt plus equity). Debt to EBITDA calculated as Total Debt divided by EBITDA. Net Debt to EBITDA calculated as Net Debt divided by EBITDA

2015

..... Financial Covenant

2017

Net debt to EBITDA

2016

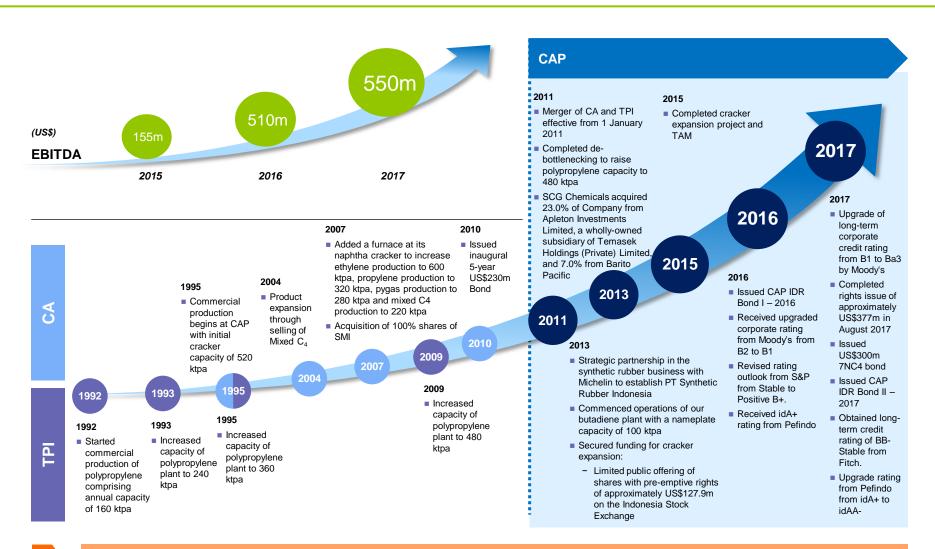
Debt to Capitalisation ——Debt to EBITDA —



# **APPENDIX**

# **Chandra Asri Petrochemical**

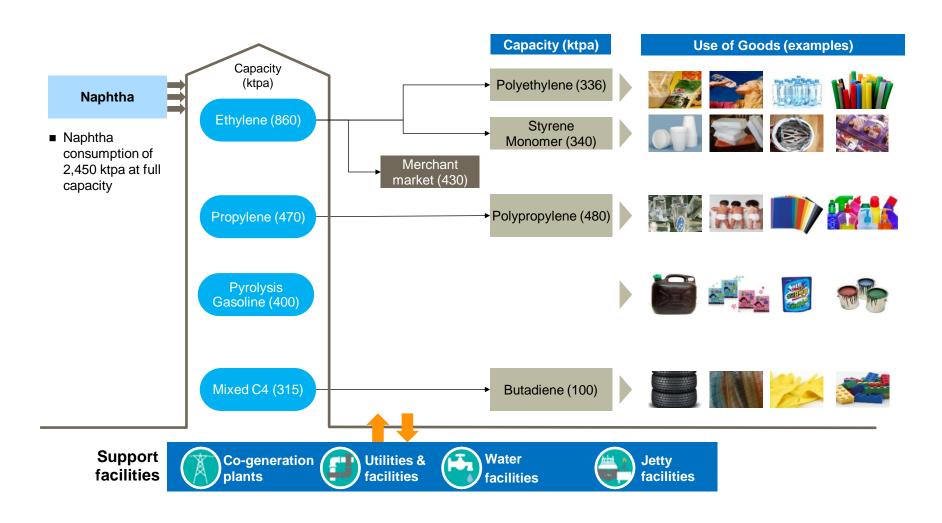




# Track record of achieving operational and structured growth

# **Integrated Production of Diverse Products**



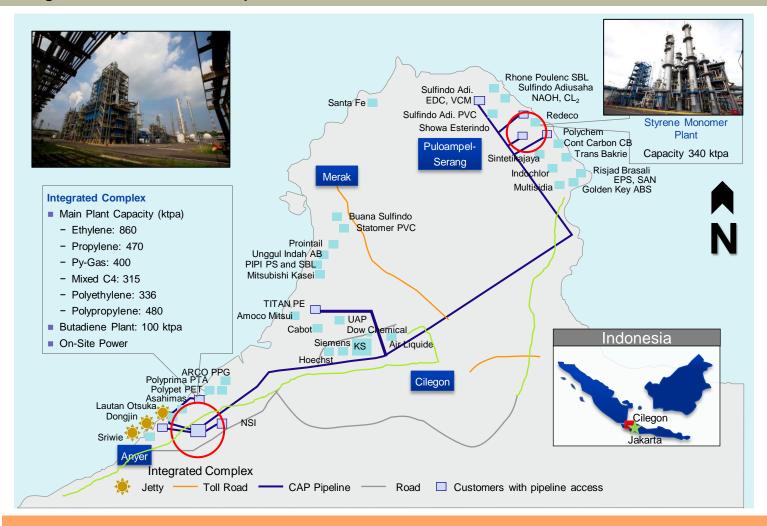


CAP's products encompass a wide range across the consumer products value-chain, and its leading position and strategic location enhances its competitiveness

# Strategically Located to Supply Key Customers



#### **CAP's Integrated Petrochemical Complexes**



Location proximity and well established pipeline ensures excellent connectivity to key customers. This coupled with reliability of supply lead to premium pricing, with integration of facilities creating significant barriers to entry

# **Property Business**

# Barito Pacific

#### **Wisma Barito Pacific**

- Located in West Jakarta, 2 towers of office space, Total 23 floors (tower A: 11 floors, tower B: 12 floors)
- Operation started in November 1990
- Land Size: 8,674 sqm
- GFA: 38,251 sqm
- NLA: 21,690 sqm
- Occupancy rate: 99% (66% Barito Pacific and Subsidiaries)
- Average Gross Rental Rate: IDR188,600 / sqm / month



#### **Griya Idola Industrial Park**

- Closest industrial park to Jakarta in the west
- Strategically located on the main road of Jl. Raya Serang Km 12, Cikupa, Tangerang
- Total area 60 ha
- Phase 1: 20 ha (over 90% sold), targeted completion 2Q 2018, construction completion 95 % as at December 2017
- Phase 2 development start 2Q 2017





#### **Wisma Barito Pacific 2**

- Expansion of Wisma Barito Pacific
- Land size: 5,290 sqm
- GFA: 46,530 sqm
- NLA: 26,365 sqm
- Planned for 45% Strata Sale & 55% Owned/Leased
- Construction cost: US\$38.9m
- Construction start: 2Q 2018
- Expected completion date: 2Q 2020





#### **Hotel Mambruk Anyer**

- Location: Cikoneng, near CAP's integrated petrochemical complex
- 97 room resort overlooking the Anyer beach
- Operation started in January 1989
- Land Size: 68,800 sqm
- GFA: 13,208 sqm
- Occupancy rate: 51%
- Average Room Rate: IDR600,000 / night

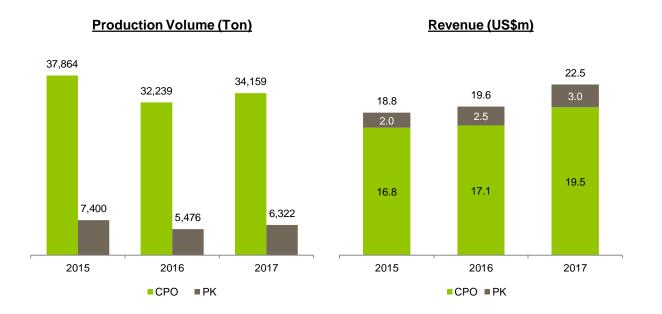




# **Plantation Business**

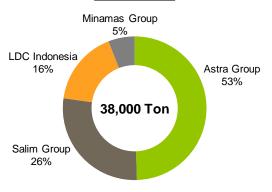


- Barito Pacific's Crude Palm Oil ("CPO") and Palm Kernel ("PK") plantation business is operated through fully-owned subsidiary PT Royal Indo Mandiri ("RIM")
- RIM was acquired by Barito Pacific in 2010
- Today, RIM operates a total of 10,865 hectares of palm oil plantations and has concessions for a further 17,637 hectares
- Key customers include Astra Group (CPO), Salim Group (CPO) and Sinar Mas Group (PK)





# CPO Contracted Volume 2017







# **Forestry Business**



- Barito Pacific started out as an integrated forestry and timber company, and as a pioneer of sustainable industrial forest estates in Asia
- In 2013, Barito Pacific embarked on a massive industrial forest plantation development program to secure sustainable supply of logs for the Company's wood processing business
- In 1993, Barito Pacific downsized its forestry and timber operations significantly. Today it owns 149,000 ha of industrial forest estates as well as one particle board manufacturing plant

	Location	Size / Capacity	Concession Expiry	
Particle Board Production Plant	Banjarmasin, South Kalimantan	60,000m <sup>3</sup> pa	NA	
Industrial Forest Estates	North Maluku	21,265 ha	2037	
	North Maluku	14,851 ha	2043	
	North Maluku	11,242 ha	2037	
	North Maluku	11,780 ha	2069	

- Barito Pacific will retain the industrial forest estates until the end of their respective concession periods
- Barito Pacific will perform a reforestation as part of its CSR policy

#### **Particle Board Production Plant**





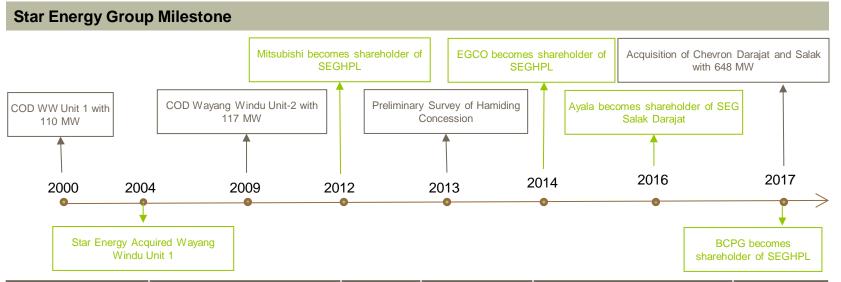


#### **Industrial Forest Estates**



# **Star Energy**





Project	Location	COD	Energy	Category	ESC Period
Darajat U1	Garut, West Java	1994	55 MW	Steam	2041
Darajat U2	Garut, West Java	2000	95 MW	Integrated Power Generation	2041
Darajat U3	Garut, West Java	2007	121 MW	Integrated Power Generation	2047
Salak U1 & U2	Gunung Salak, West Java	1994	2 x 60 MW	Steam	2040
Salak U3	Gunung Salak, West Java	1997	60 MW	Steam	2040
Salak U4 - U6	Gunung Salak, West Java	1997	3 x 65.6 MW	Integrated Power Generation	2040
Wayang Windu U1	Bandung, West Java	2000	110 MW	Integrated Power Generation	2030
Wayang Windu U2	Bandung, West Java	2009	117 MW	Integrated Power Generation	2039
South Sekincau	West Lampung, Sumatera			Exploration Stage	-
Hamiding	North Halmahera, Maluku			Exploration Stage	-