

3Q18 results

Opportunity day

15th November 2018



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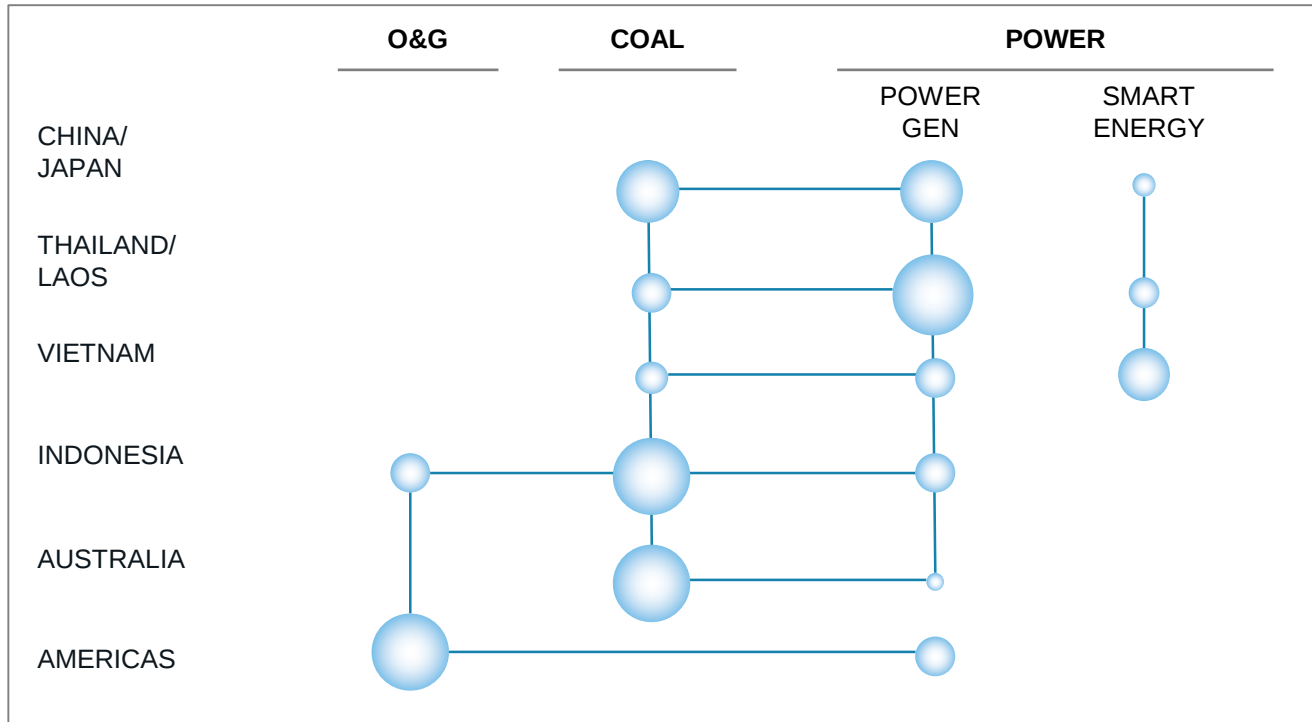
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- 1 **Integration focus**
- 2 Coal business
 - 2.1 Coal market
 - 2.2 Australia operations
 - 2.3 Indonesia operations
 - 2.4 China, Mongolia operations
- 3 Power business
- 4 Gas business
- 5 Financial summary
- 6 Looking ahead

Banpu strategic integration concept: capturing synergy value



HORIZONTAL INTEGRATION

GEOGRAPHIC

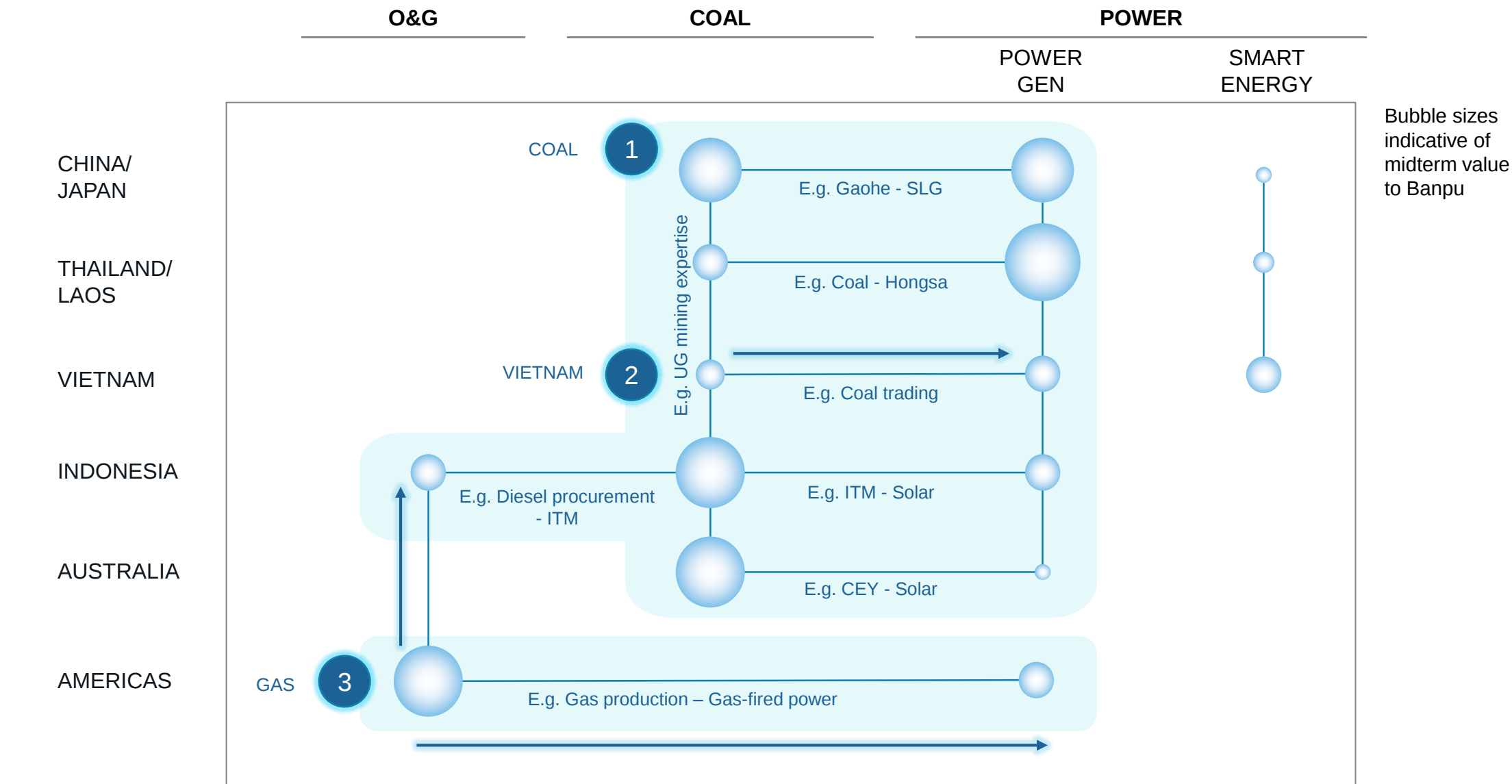
- ✓ **New market entry**
office set-up, overheads, local country knowledge
- ✓ **Stakeholder relationships**
government, banks, others
- ✓ **Growth**
positioning and flexibility to cherry-pick best new opportunities

VERTICAL INTEGRATION

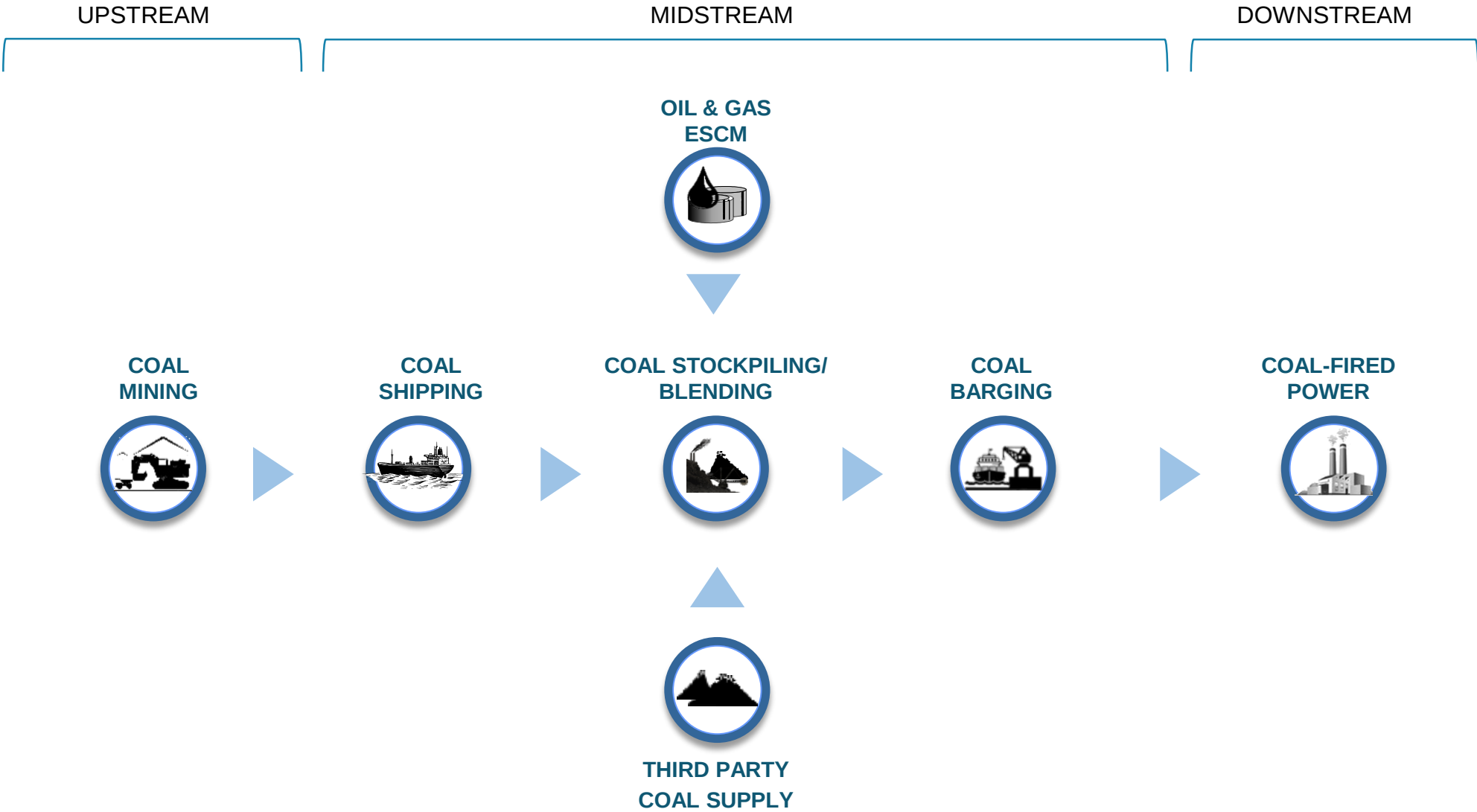
INDUSTRY VALUE CHAIN

- ✓ **Economics**
cost synergies, increased demand and capture logistics and marketing margins
- ✓ **Risk mitigation**
reduce procurement and logistics risks, enhance offtake security
- ✓ **Skills and intelligence**
skills cross-fertilization (e.g. UG mining), market intelligence (e.g. CFP demand for coal)

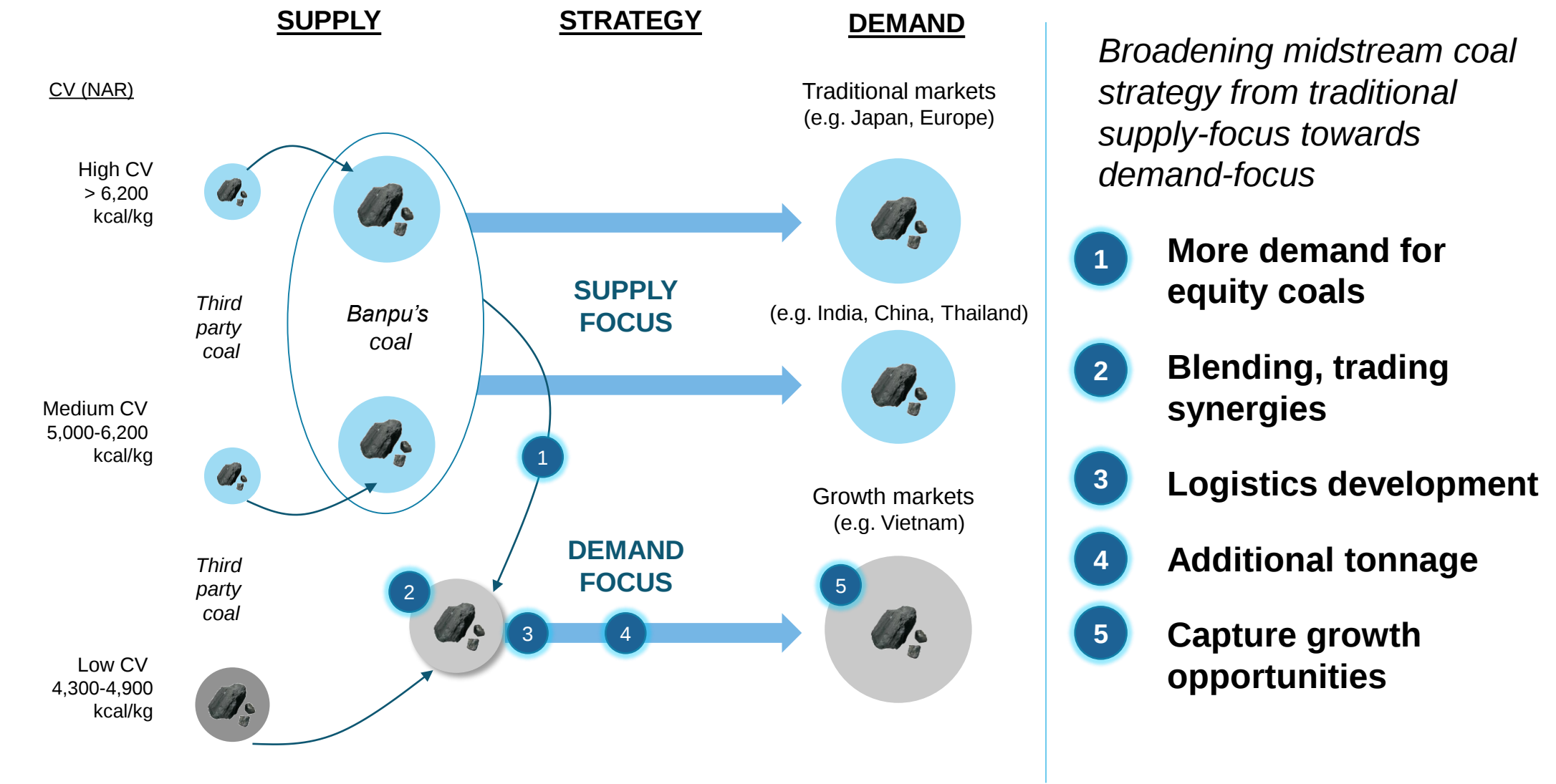
Integration examples



Banpu coal integrated strategy



Banpu coal marketing strategy



Banpu in Vietnam: horizontal synergy strategy

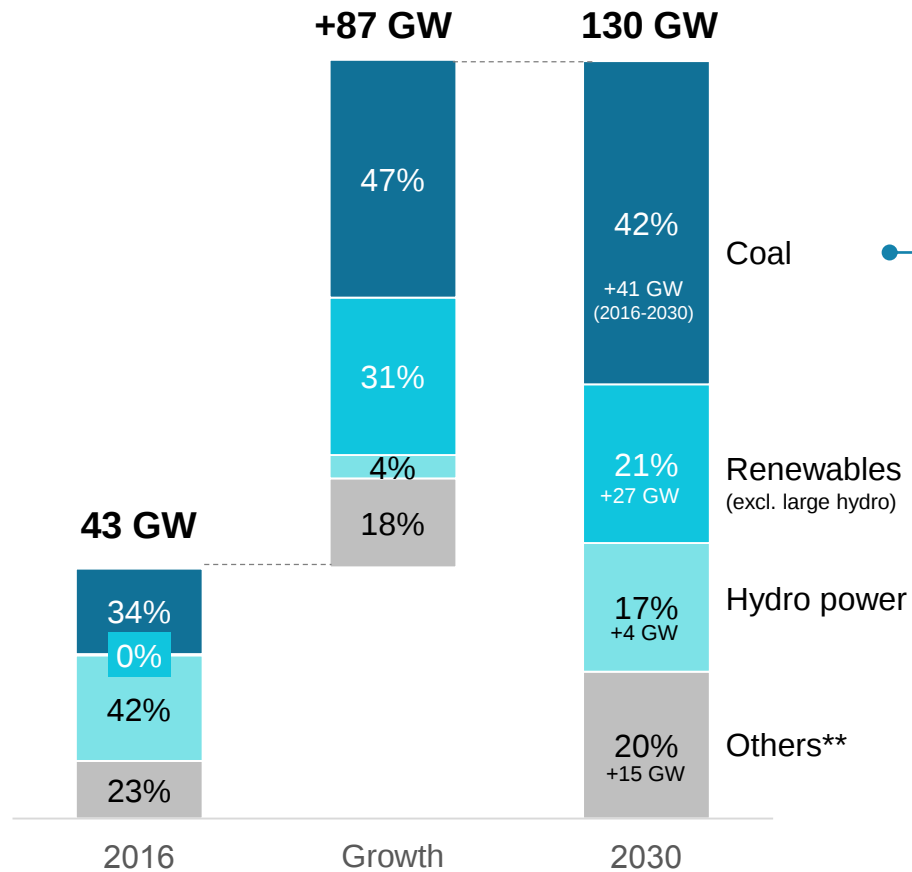


- Banpu has established cross-BU office in Ho Chi Minh City to co-ordinate business development
- Coal supply contracts with EVN secured for 1.3Mt in 2018
- Banpu's diversified coal portfolio, strong trader and mining partners relationships, extensive blending and logistics experience ideally suited for Vietnam market growth
- 200 MW wind power project in Soc Trang of which 80 MW received Investment Registration Certificate in July 2018 (COD targeted 2020-21)
- 44 MW effective equity capacity in 168 MW Vietnam's largest solar power project (COD targeted June 2019) in Ninh Thuan through Sunseap
- Potential synergies with future coal-fired power plant investment in Vietnam

Vietnam growth opportunities

VIETNAM POWER SUPPLY FORECAST*

Unit: GW



*Vietnam's Power Development Plan, April 2017

** Include gas and oil-fired power

CFP growth:

- Coal becomes dominant source of Vietnam's energy supply
- Over 40 GW of additional coal-fired capacity by 2030

Coal imports demand:

- Vietnam domestic coal supply is not sufficient to support growth
- Approx. 80 Mt additional coal imports required by 2030

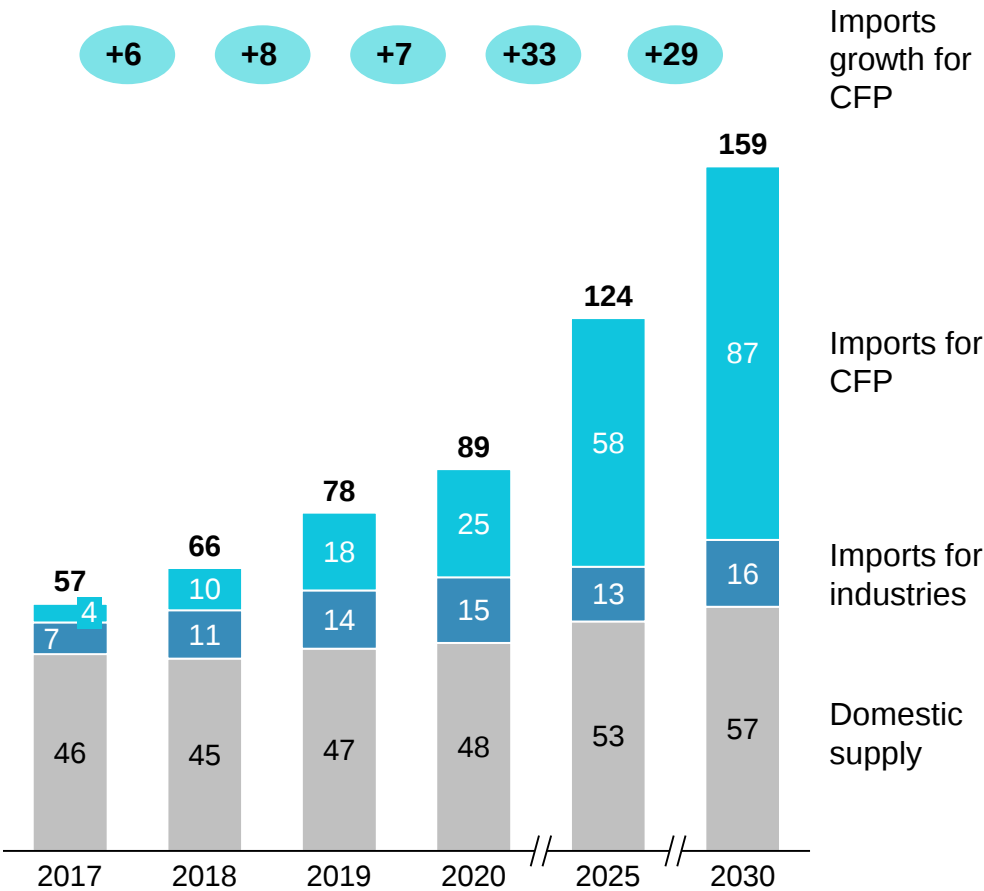
Renewables growth:

- Second fastest-growing energy source, following CFP
- Over 27 GW of additional capacity by 2030 – mainly from small hydro, solar, and wind power

Vietnam coal focus

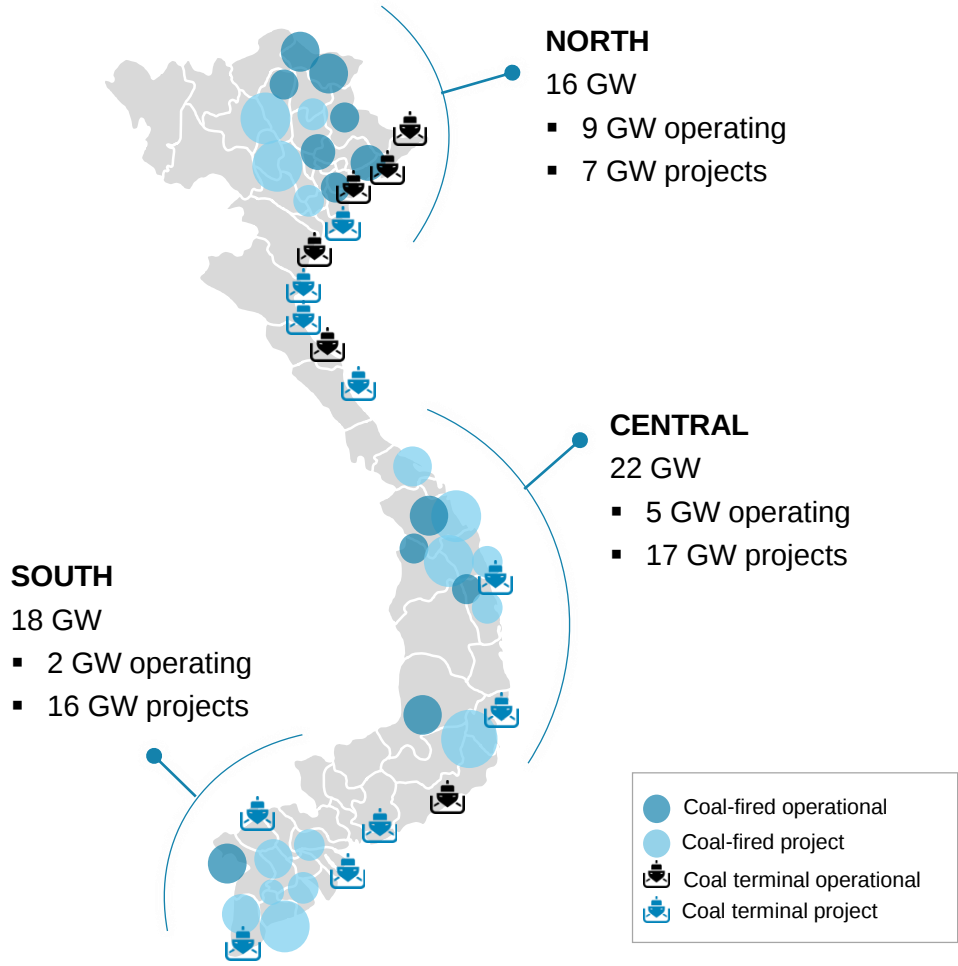
VIETNAM COAL DEMAND FORECAST*

Unit: Mt



Source: Vietnam's Power Development Plan, April 2017

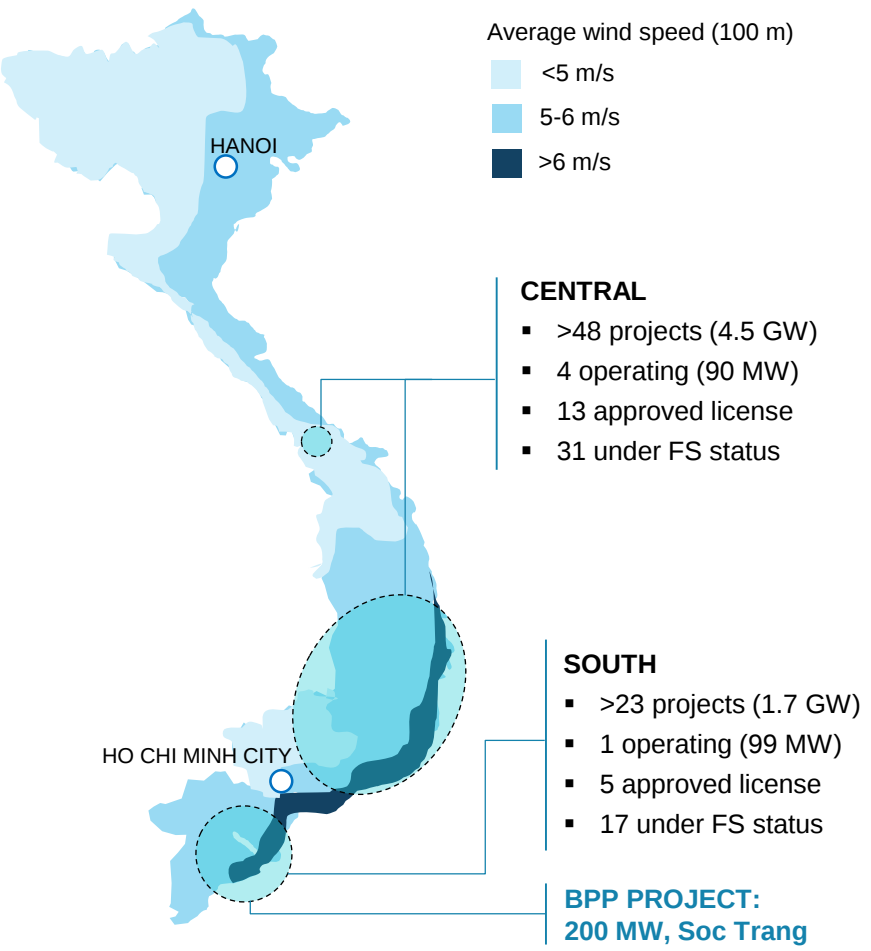
COAL-FIRED POWER PLANTS AND PROJECTS



Source: Vietnam's Power Development Plan, April 2017, AWR Lloyd research

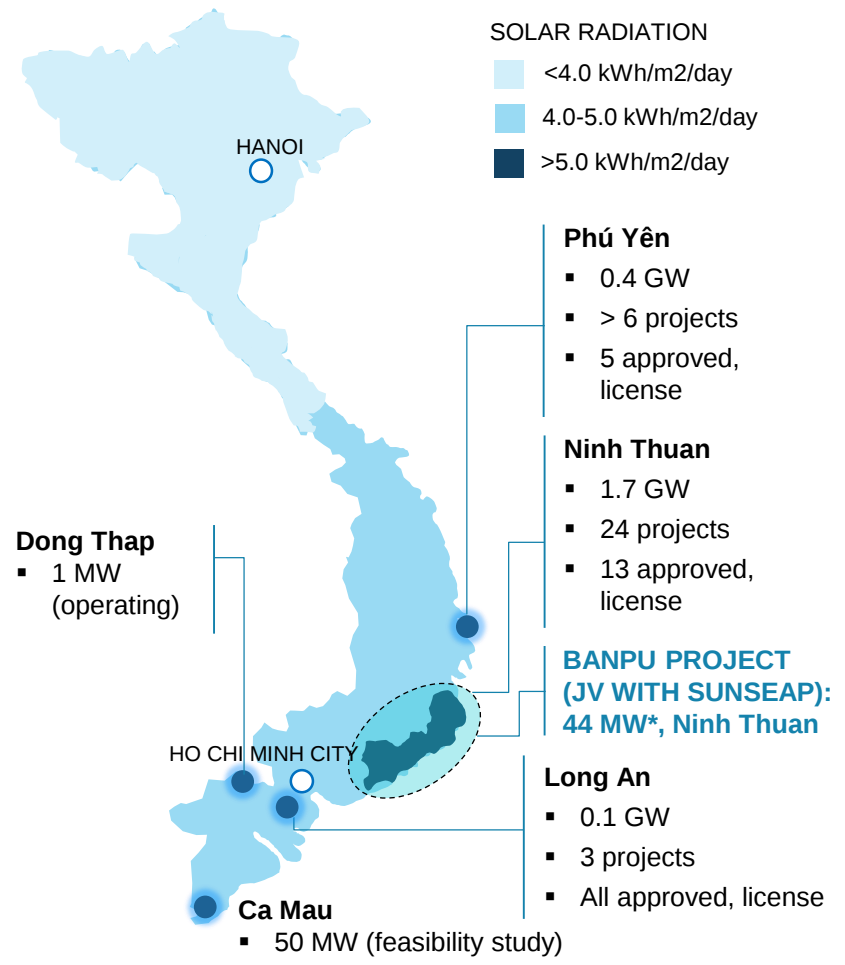
Vietnam renewables focus

VIETNAM WIND POWER



Source: AWR Lloyd research

VIETNAM SOLAR POWER



Source: MOIT and AWR Lloyd research

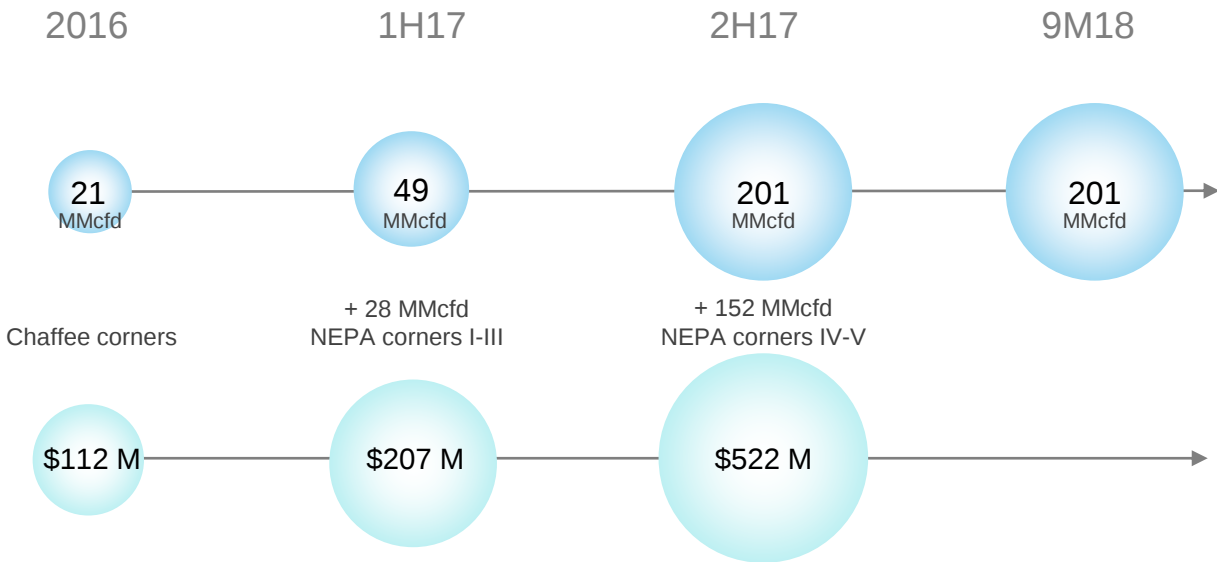
Growing our gas portfolio

PORTFOLIO

Cumulative production capacity

Asset acquisitions

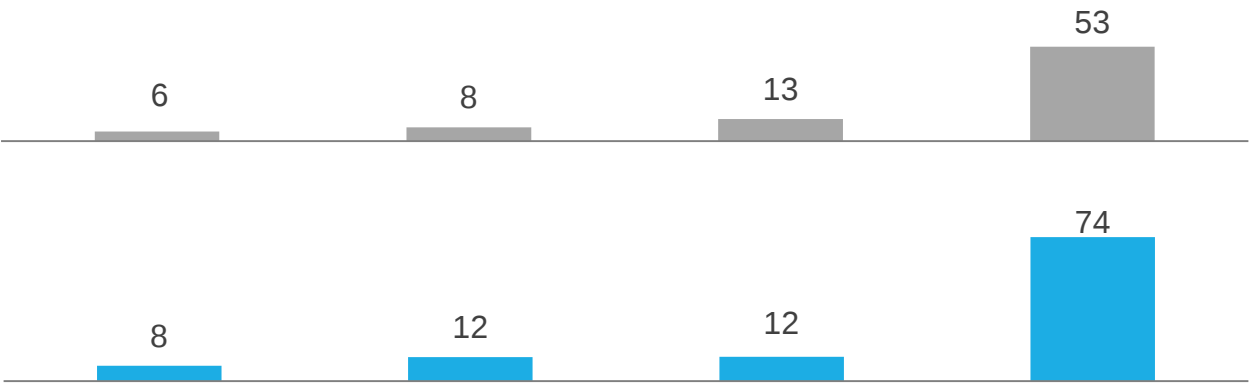
Cumulative investment (US\$ M)



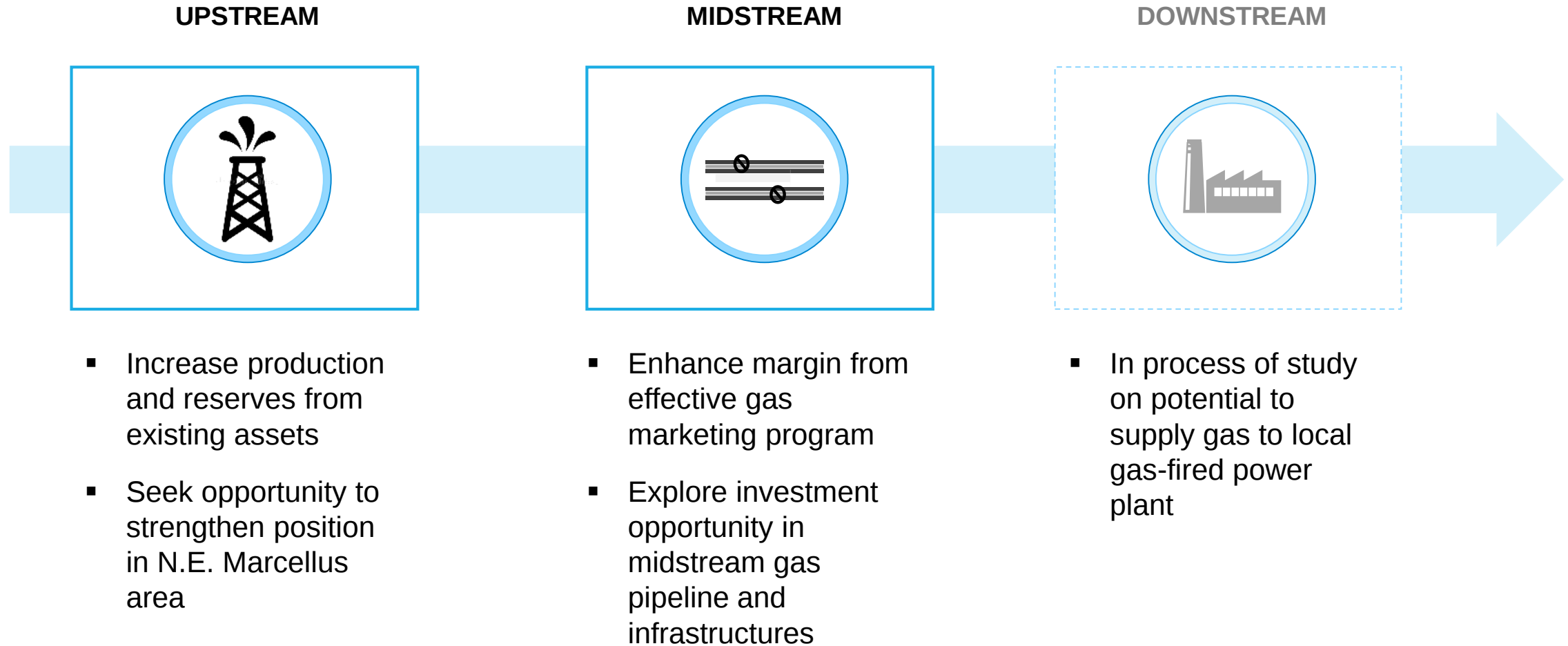
PERFORMANCE

Sales volume (Bcf)

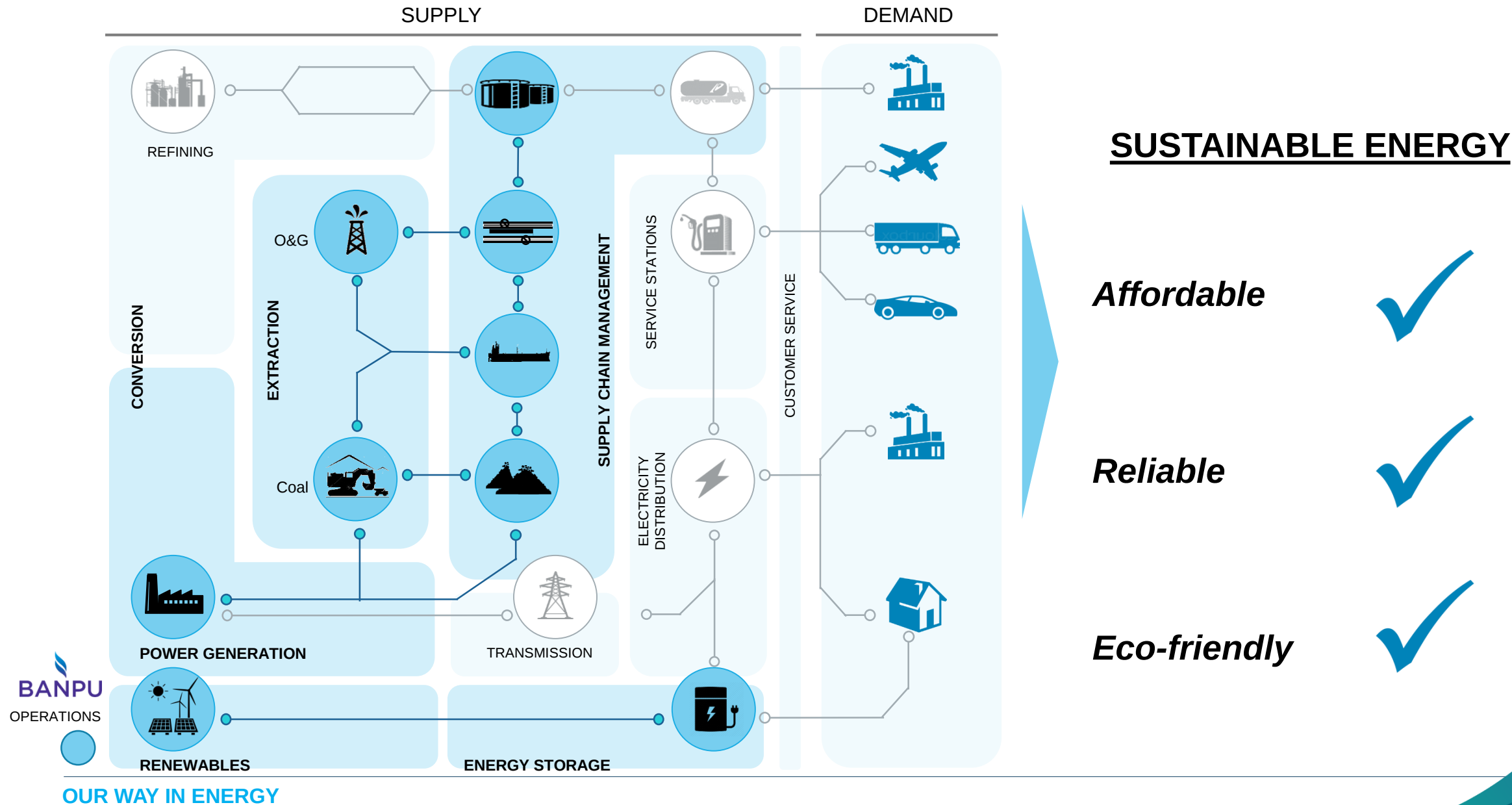
Ebitda (US\$M)



Gas: further integration

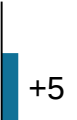
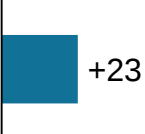
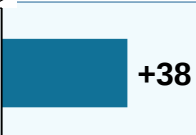


Banpu: energy ecosystem platform business model



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Global demand trends: 2018 vs 2017

GEOGRAPHY	CHANGE 2018-17 (Mt)	COMMENTS
 CHINA	 +5	▪ Several typhoons helped to reduce temperatures coastal areas resulting in reduced power consumption for air conditioning and led to weaker coal burn and high stocks ▪ Maintain coal import restrictions
 INDIA	 +24	▪ Strong demand due to continuous industrial production growth ▪ Domestic production constraints amid monsoons ▪ 2GW nuclear capacity has remained in maintenance
 OTHER N.ASIA	 -6	▪ Air pollution control continued to curtail coal burn ▪ Raise demand of high quality coals ▪ Nuclear recovery could weigh on coal imports
 EUROPE	 -8	▪ Rising gas prices, nuclear outages and lower hydro increase coal burn in 2H-2018.
 OTHERS	 +23	▪ Demand growth continued driven by Malaysia, Philippines, Vietnam and Pakistan on addition of new coal-fired power plants
 GLOBAL	 +38	<i>Strong high quality coal demand from north Asia due to environmental issue will keep high grade coal price at high level. China import restrictions will limit demand for lower quality coals in 2H-2018</i>

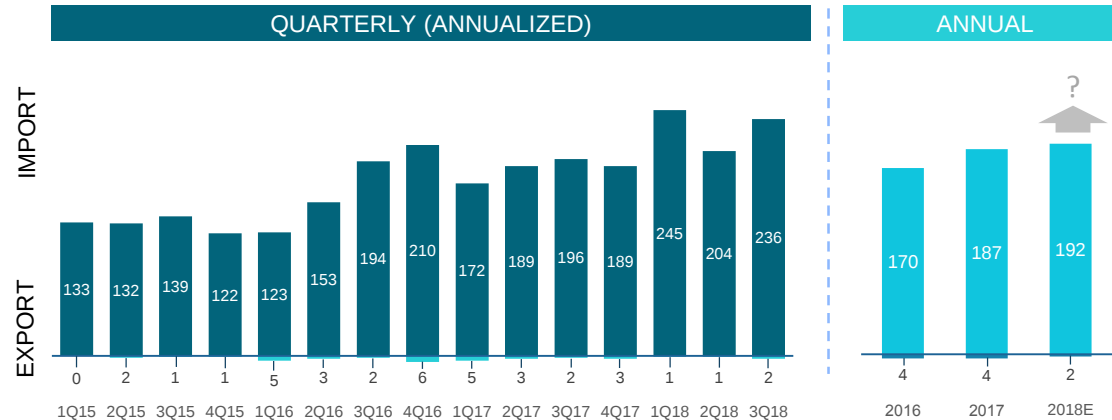
Global supply trends: 2018 vs 2017

GEOGRAPHY		CHANGE 2018-17 (Mt)	COMMENTS
	INDONESIA	+24	- Government attempts to boost exports to support currency - But exports has been driven by seaborne demand, particular China, rather than government intervention
	AUSTRALIA	+6	Weather and logistics constraints prevalent in 1H 2018 since removed
	COLOMBIA	-4	- Production constraints continue to curtail export growth - Rainy season will impact production in Q4
	RUSSIA	+3	Seasonal tightness in rail capacity
	S.AFRICA	-2	- Strong domestic demand - High stocks of lower CV coal at RBCT port - Shortage of high quality product
	USA	+10	- Strong domestic demand constrained availability for export - Increase discounted other origin off-spec coals and strengthening US dollar threatens US export
	OTHERS (e.g.VIETNAM)	-5	Exports from Poland, China and Canada are expected to decline
	GLOBAL	+32	<i>High quality product is likely to continue to be tight due to limited supply and high producer discipline but supply of lower quality coal is improving.</i>

China: weak demand season

CHINA THERMAL COAL IMPORTS/EXPORTS*

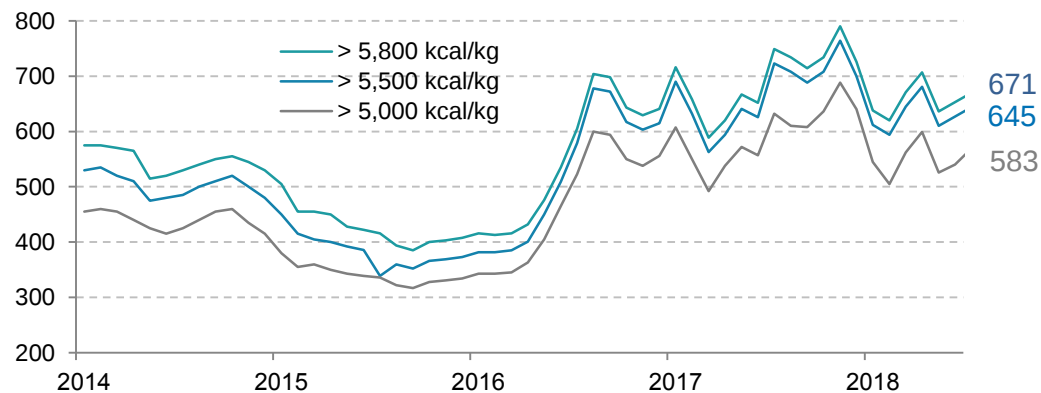
Unit: Mt



Sources: Banpu MS&L

CHINA DOMESTIC COAL PRICES

Unit: RMB/t



3Q18

- Strong inland thermal coal demand due to hot weather but coastal demand not as strong as inland due to several typhoons bringing lower temperatures with them
- Weaker coal burn in coastal area led to high coal stocks at power plants
- Domestic coal production keeps improving although safety monitoring continued
- Increased environmental protection measures in industrial sector helps to boost power demand
- Tough import control policies and strong demand from non-coastal power plants helped to boost domestic coal prices
- Widened spreads for off-spec coal prices in international market

Outlook

- Domestic coal production is expected to continue improving in Q4
- Expected low coal import in Q4 due to lack of import quota
- Stimulus package to offset trade dispute's negative will boost coal demand
- Q1 demand outlook optimistic

India: import rally amid supply deficit

INDIA THERMAL COAL IMPORTS*

Unit: Mt



3Q18

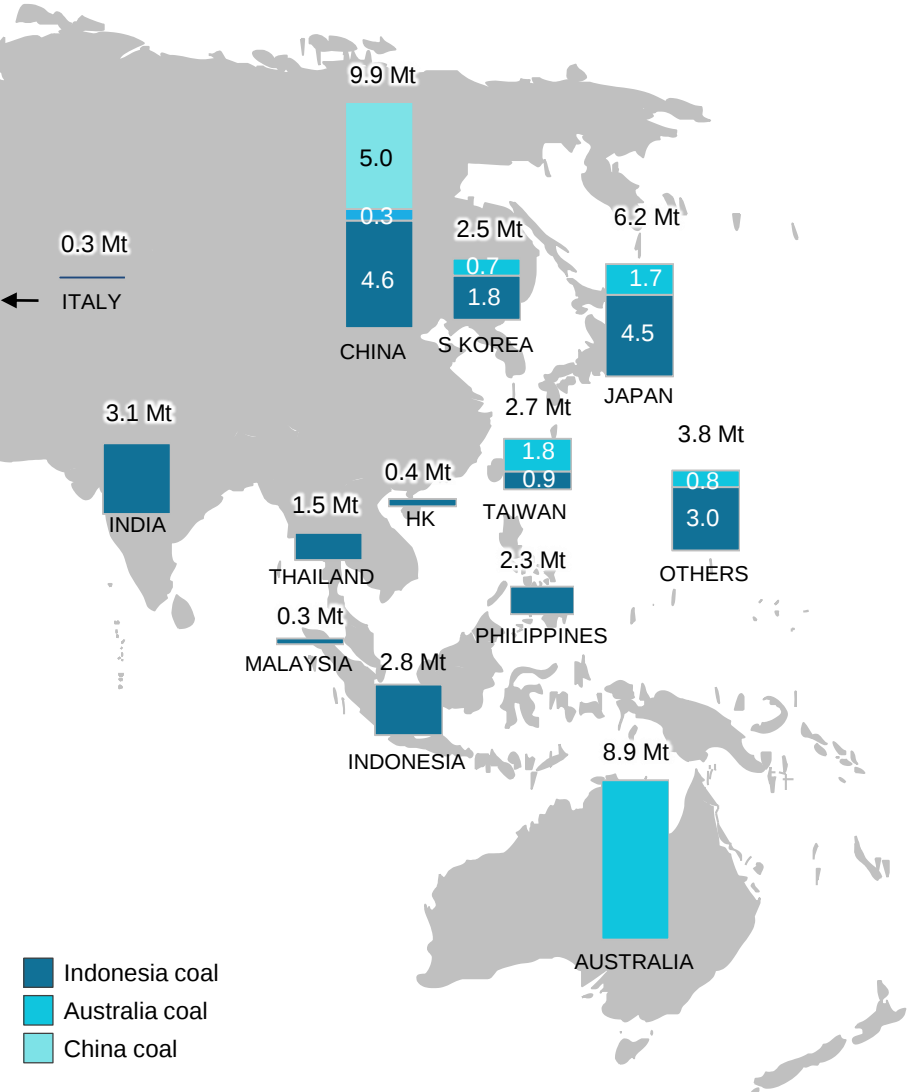
- Strong power demand growth due to increasing industrial production
- A dip in supply from nuclear and hydropower led to increased reliance on coal power generation
- Growth in domestic production and despatches can only partially meet the growing demand for coal
- Policies to strengthen the power sector have started to improve local load factors at several plants
- High import demand in non-power sector

Outlook

- State-owned power companies are seeking imported coal due to inadequate domestic supply
- Supreme Court has agreed to changes in power purchase agreements (PPAs) in Gujarat state for struggling privately owned coal-fired power utilities which could allow them to increase power tariffs to compensate for higher costs of imported coal
- This should enable the coastal generators to buy significantly more imported coal and ramp up utilization rates at underused plants

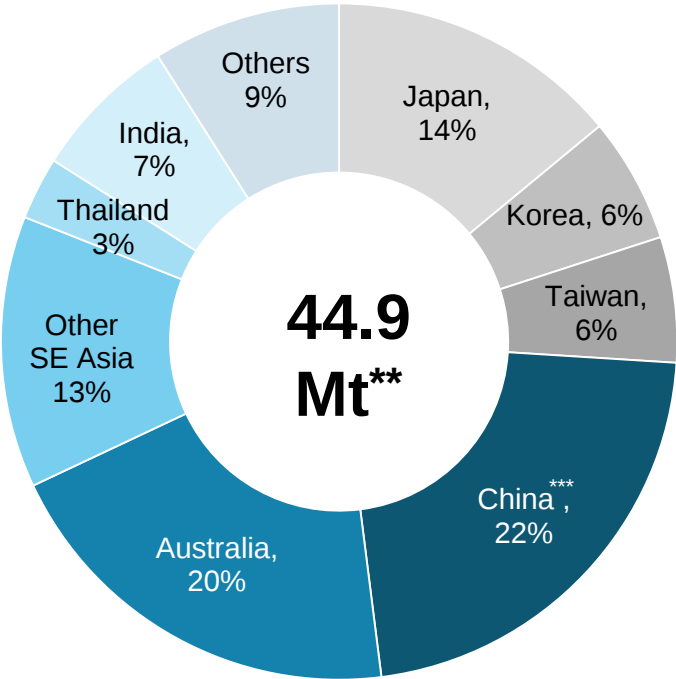
Banpu group coal sales 2018e

COAL SALES* SOURCE – DESTINATION ANALYSIS 2018e



Indonesia coal
Australia coal
China coal

GLOBAL COAL SALES* 2018e BY REGION

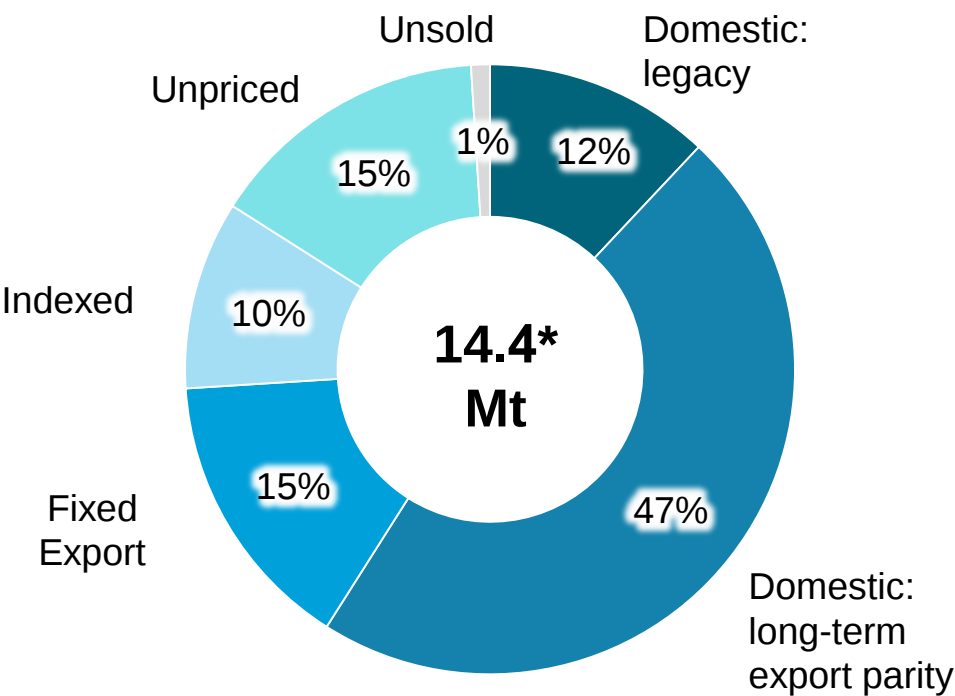


Notes:
 * Sales from Indonesia are included on 100% basis, sales from Australia and China are included on equity basis
 ** Illustrative target
 *** Includes coal sales from domestic production in China

Banpu coal sales pricing status

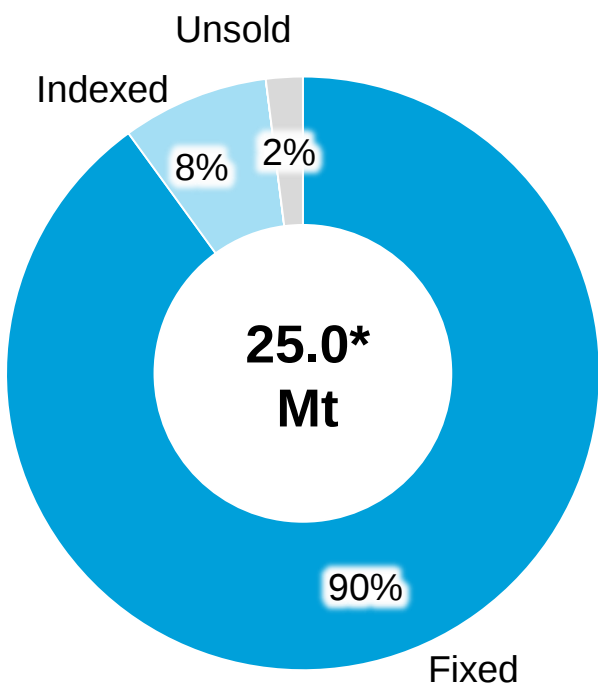
AUSTRALIA COAL

2018e



INDONESIA COAL

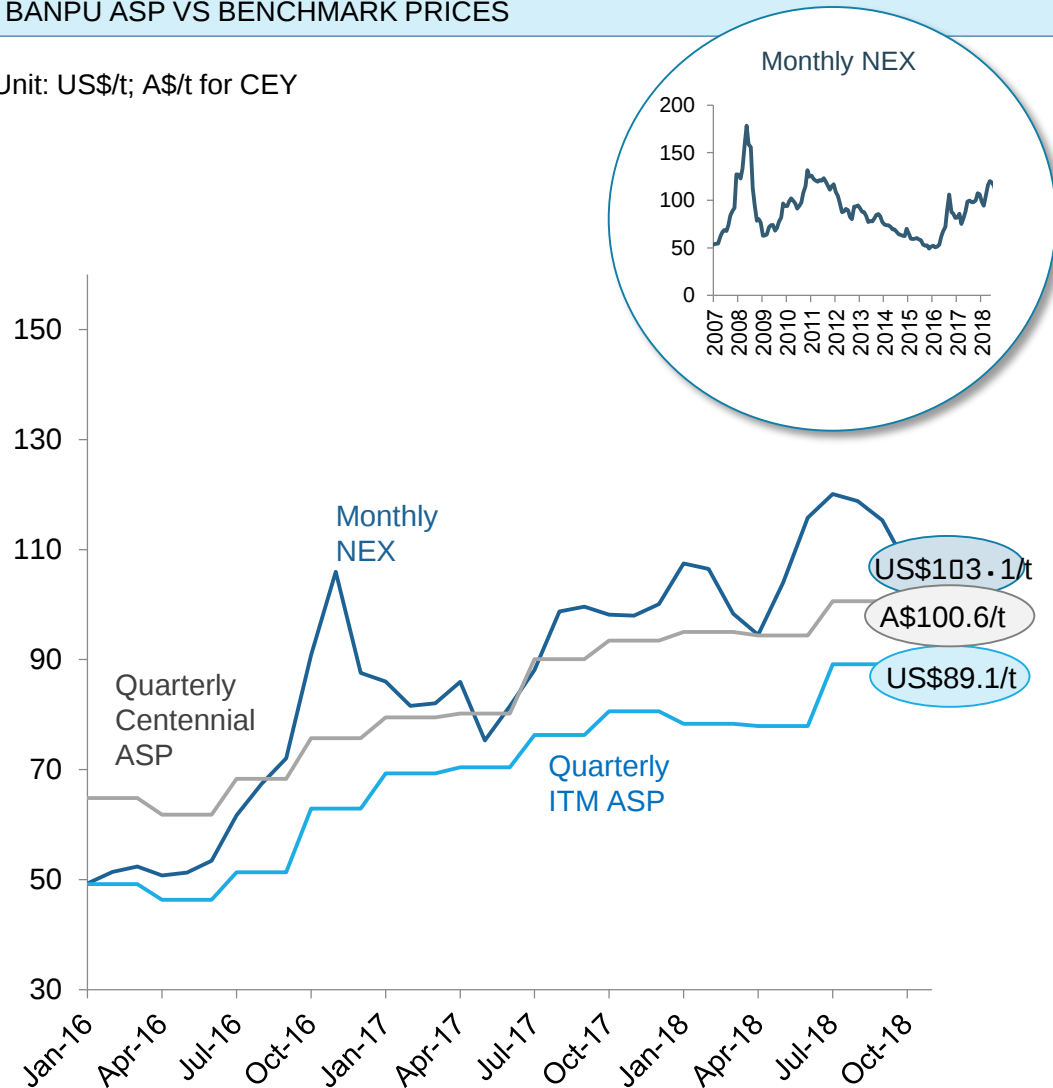
2018e



Banpu ASPs vs thermal coal benchmark prices

BANPU ASP VS BENCHMARK PRICES

Unit: US\$/t; A\$/t for CEY



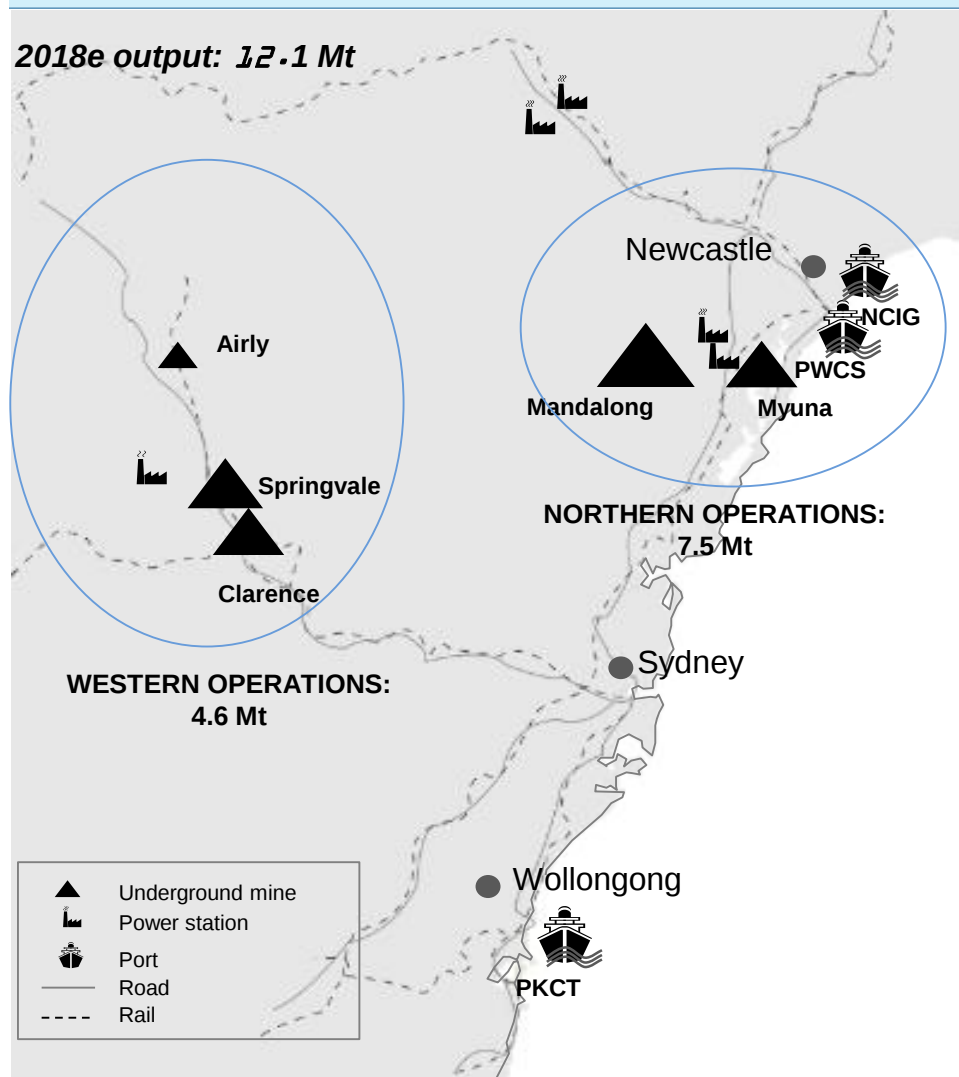
COMMENTS

- 3Q18 ASP firmed up according to strong market due supply tightness
 - ITM ASP: US\$89.1/t* (+14% QoQ)
 - CEY ASP: A\$100.6/t* (+7% QoQ)
 - NEX (Nov 9, 2018)**: US\$103.1/t
- Market continued strong in 3Q18, however, price gap between HCV and LCV coal was widening due a massive flow of lower quality coal from Indonesia and Chinese import restriction policy
- Supply tightness continued to be a major factor on benchmark coal price, while Chinese policy remains a major influence
- Other markets remain positive (Northeast Asia, India, Philippines)

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Australia: operational and financial summary

2018e OUTPUT (ROM EQUITY BASIS)



KEY UPDATES - 3Q18 PRODUCTION AND PROGRESS

Production

- Equity ROM: 2.4 Mt (down 30% QoQ, down 27% YoY) as a result of extended longwall changeovers at Mandalong and Springvale
- Productivity and efficiency improvements continue, with production records achieved at Myuna and Airly
- However, difficult mining conditions were experienced at Mandalong and Springvale
- New bolting regime introduced, slowing productivity as mine develops proficiency to return to previous levels

ASP

- 3Q18: ~A\$97/t vs 2Q18: ~A\$95/t, ASP benefitting from higher export prices, however contracted domestic sales were a higher proportion of overall sales
- Sales volume down 15% QoQ, down 1% YoY – reflecting timing of longwall changeovers and difficult mining conditions in 3Q18
- Quarterly domestic: export split 58%:42% (2Q18: 62:38%) (2017: 61%:39%)
- 3Q18 Third party coal sales at 0.7 Mt, down 0.1 Mt on 2Q18

FINANCIAL SUMMARY

	3Q18	YoY	QoQ
Sales revenue	A\$327 M	12% ▲	13% ▼
EBITDA	A\$51 M	39% ▼	54% ▼
PBT	A\$6 M	84% ▼	90% ▼
NPAT	A\$5 M	83% ▼	89% ▼

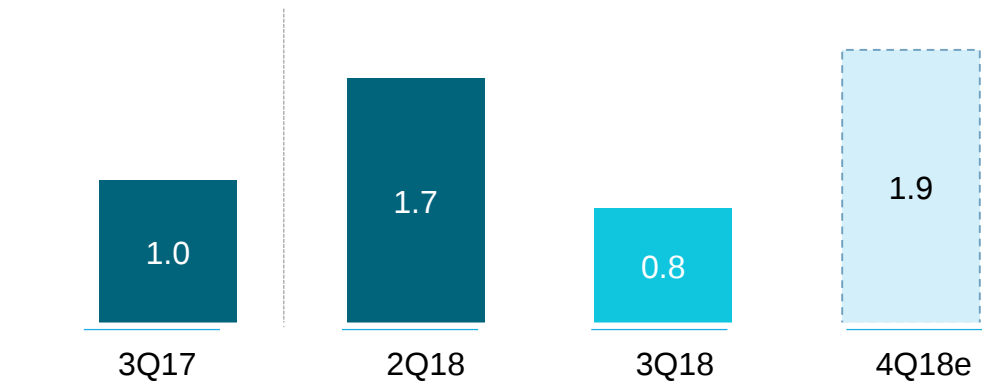
OUR WAY IN ENERGY

Note: NCIG = Newcastle Coal Infrastructure Group; PWCS = Port Waratah Coal Services; PKCT = Port Kembla Coal Terminal.

Australia: northern operations quarterly output

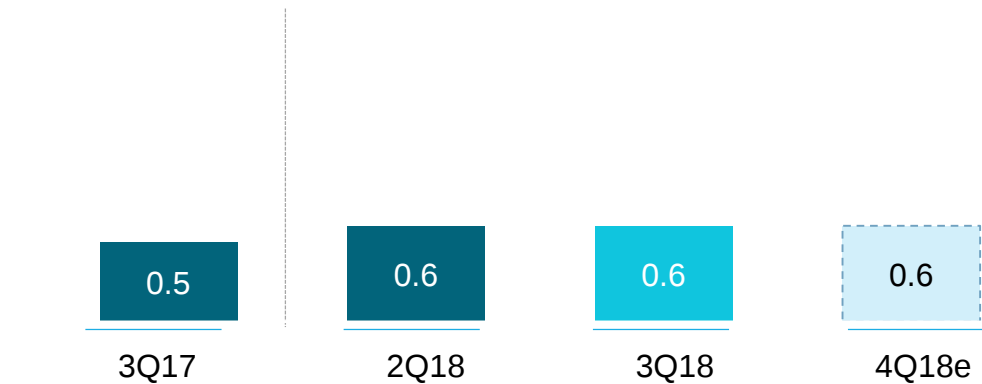
MANDALONG

COAL OUTPUT (Mt)¹
CV: 6,700 kcal/kg²



MYUNA

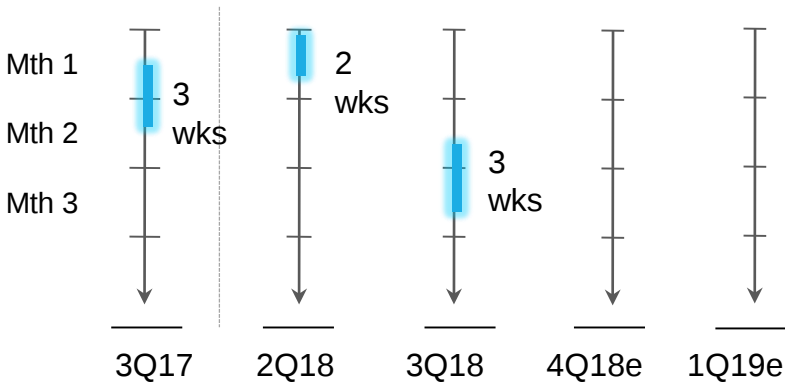
COAL OUTPUT (Mt)¹
CV: 6,700 kcal/kg²



OUR WAY IN ENERGY

Note: 1 ROM output on an equity basis, 2 CV figures are air-dried basis, 3 Longwall

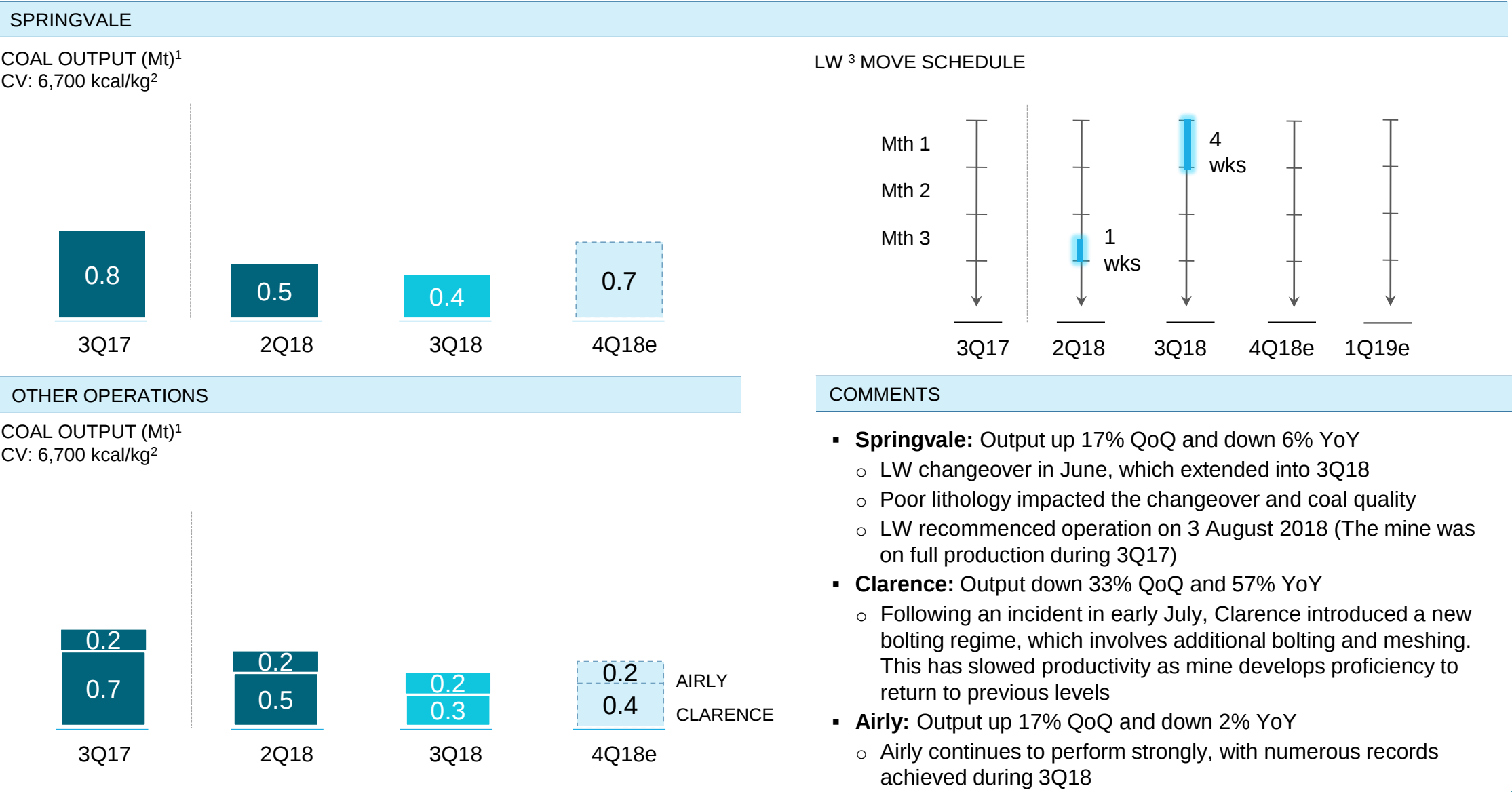
LW³ MOVE SCHEDULE



COMMENTS

- **Mandalong:** Production down 49% QoQ and 14% YoY, due to an extended LW changeover as a result of difficult end of block conditions around the sill area. The LW recommenced on 2 October 2018
- **Myuna:** Production down 1% QoQ and up 12% YoY
Following the success of the introduction of super panels in 2016 & 2017, a third super panel was introduced in early 2018, with productivity rates continuing to improve
Over the past 12-15 months, numerous production records were achieved including, monthly, quarterly, 6-month and 12-monthly (to 30 June) with a new weekly production record of 55,203 tonnes during 3Q18

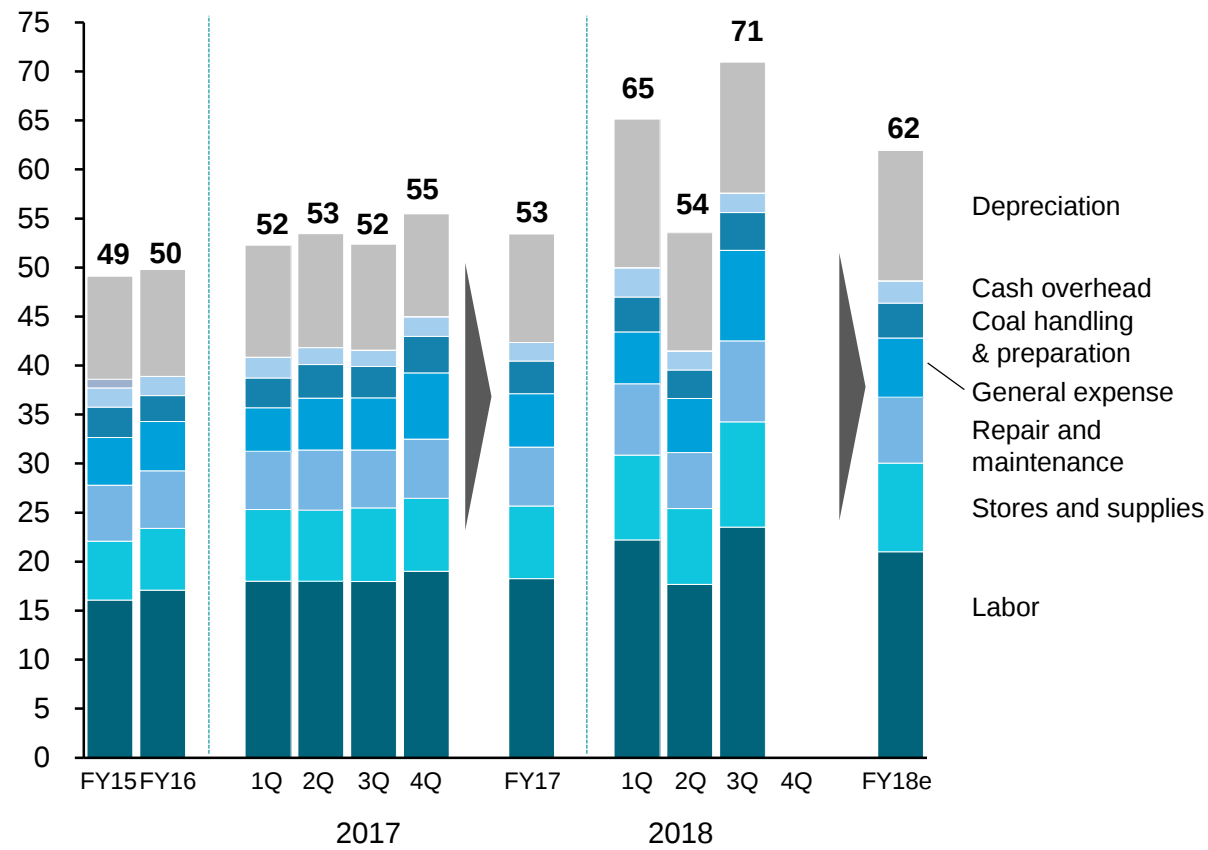
Australia: western operations quarterly output



Australia: operating costs

AVERAGE PRODUCTION COST ¹

Unit: A\$/t



COMMENTS

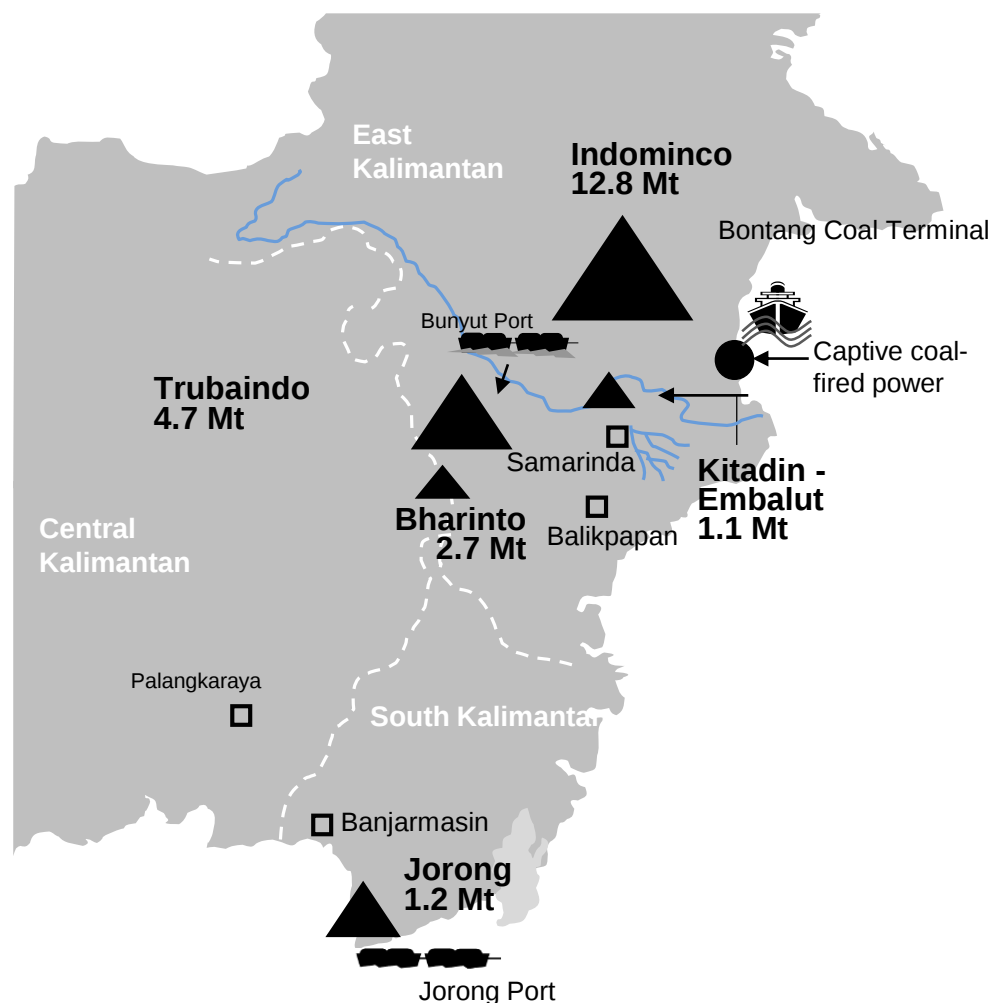
- Both longwall mines, Mandalong and Springvale underwent planned LW changeover impacting production and costs
- Clarence introduced a new bolting regime, which involves additional bolting and meshing following a safety incident in July. Productivity rates have significantly slowed and increased costs as the mine develops proficiency to return to previously achieved productivity levels
- The lithology at Springvale has adversely impacted mined coal quality and increased saleable coal costs due to additional washing costs. The operation of the longwall is being carefully managed to minimise these impacts
- Looking forward:
 - Focus on cost control, improved production in 4Q18 with both LW's in full production and improved productivity through "lean" activities
 - Continue to develop automation, technology, digital and engineering opportunities through a programme of digital transformation

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Indonesia: operational and financial summary

PRODUCTION OUTPUT* 2018

2018 target: 22.5 Mt



KEY UPDATES - 3Q18 PRODUCTION AND PROGRESS

- **Indominco:** achieved target output of 3.7 Mt supported by good weather condition
- **Trubaindo:** 3Q18 production output was 1.4 Mt slightly higher than target
- **Bharinto:** 3Q18 production output was 0.8 Mt, close to target
- **Embalut:** achieved target output of 0.3 Mt
- **Jorong:** achieved target output of 0.3 Mt

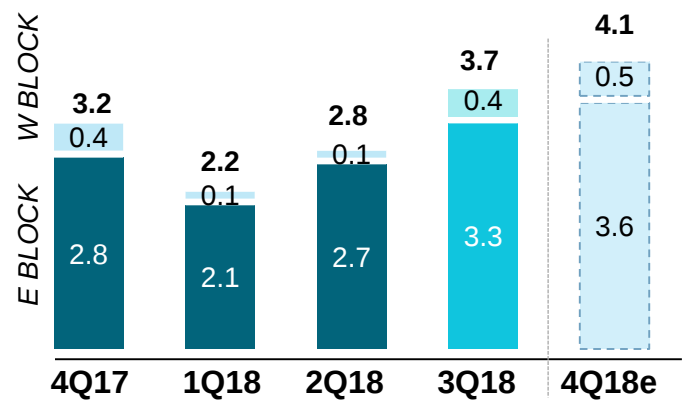
FINANCIAL SUMMARY

	3Q18	YoY	QoQ
Sales revenue	US\$606M	46% ▲	41% ▲
EBITDA	US\$170M	39% ▲	82% ▲
PBT	US\$134M	47% ▲	106% ▲
NPAT	US\$95M	42% ▲	113% ▲

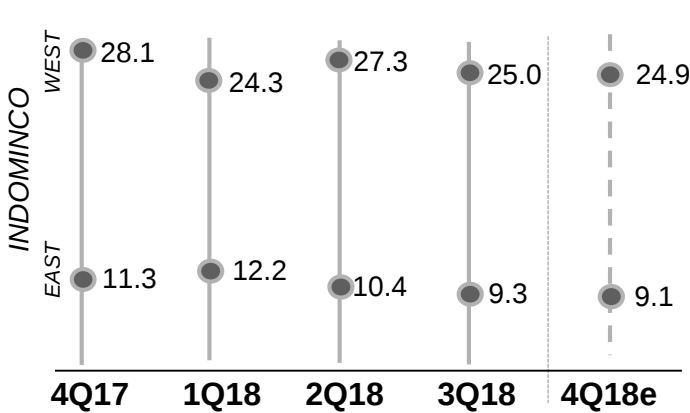
Indonesia: quarterly output

INDOMINCO - BONTANG

COAL OUTPUT (Mt)*
CV: 5950 - 6250 kcal/kg**

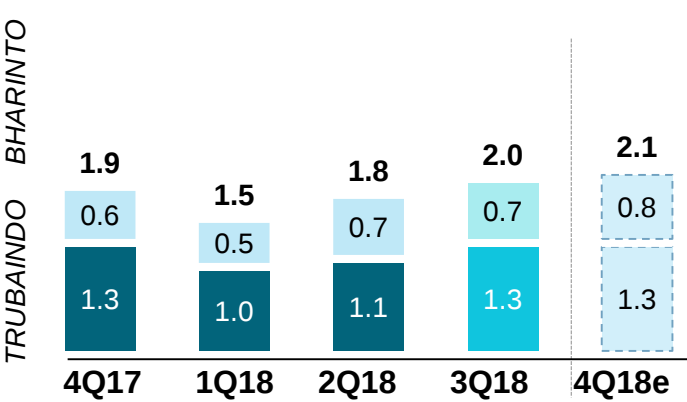


STRIP RATIOS (bcm/t)

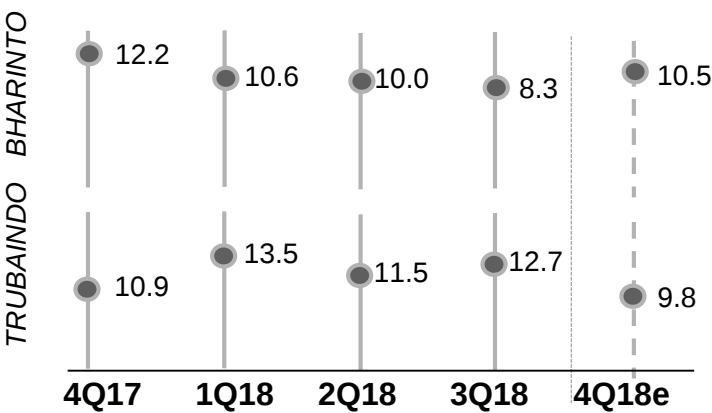


TRUBAINDO - BHARINTO

COAL OUTPUT (Mt)*
CV: 6550 - 6700 kcal/kg**

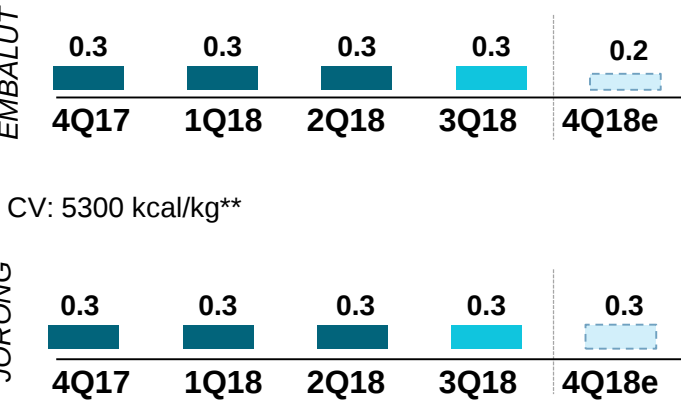


STRIP RATIOS (bcm/t)

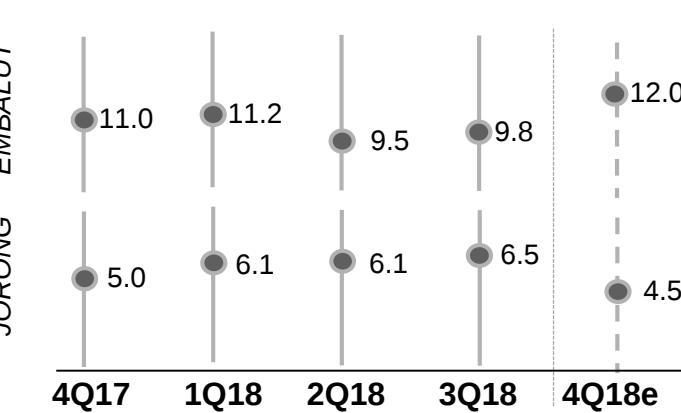


EMBALUT - JORONG

COAL OUTPUT (Mt)*
CV: 5800 kcal/kg**



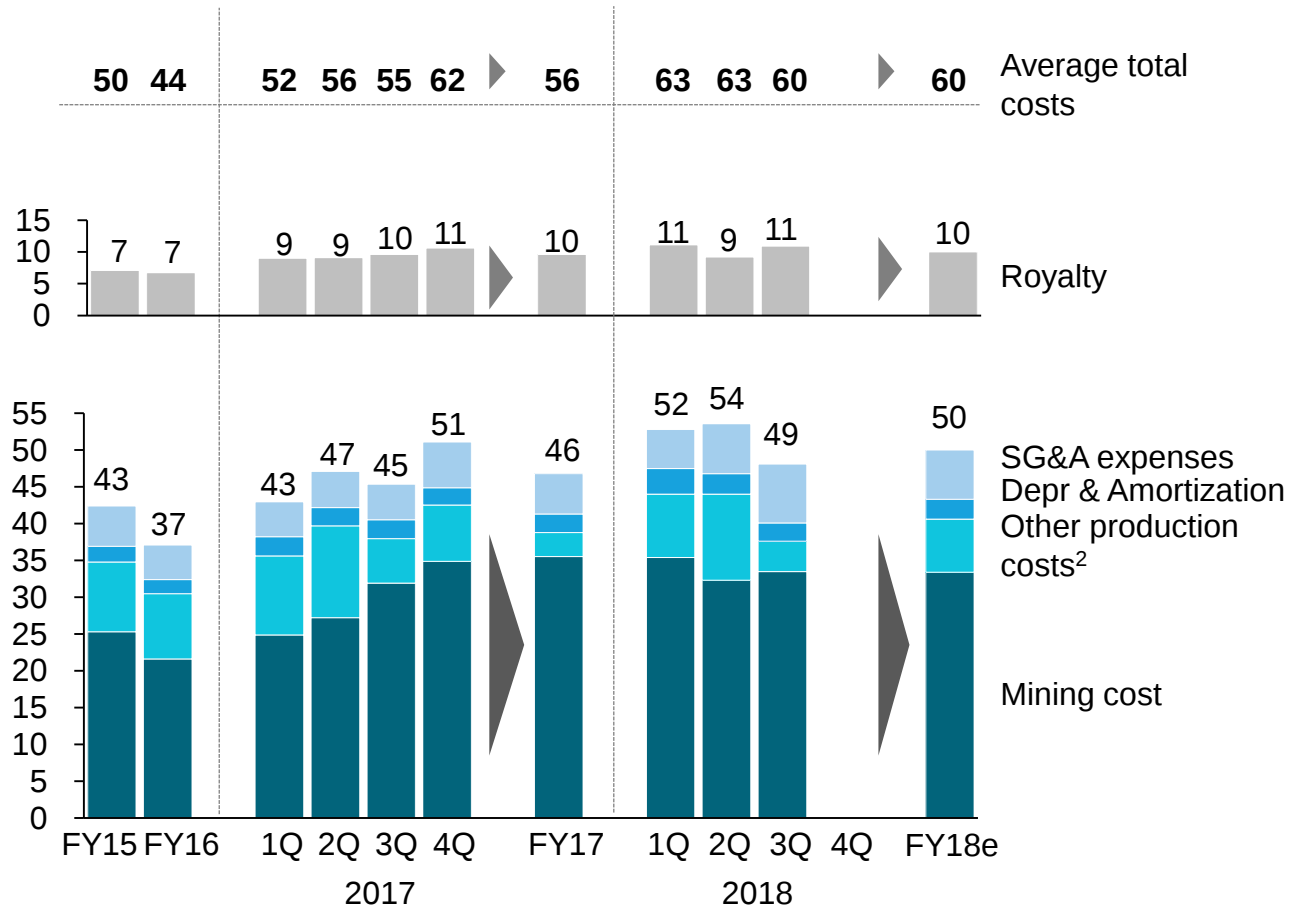
STRIP RATIOS (bcm/t)



Indonesia: total costs

INDICATIVE AVERAGE TOTAL COSTS¹

Unit: US\$/t



COMMENTS

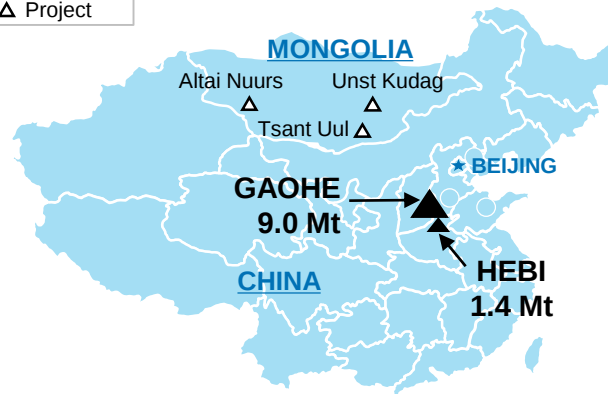
- 3Q18 average total cost lower than 2Q18 mainly due to decreased overhead cost and inventory movement
- Higher fuel price impacted the production cost in 3Q18, but was compensated by lower stripping ratio
- Higher selling cost in 3Q18 as a result of DMO expenses

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China and Mongolia summary

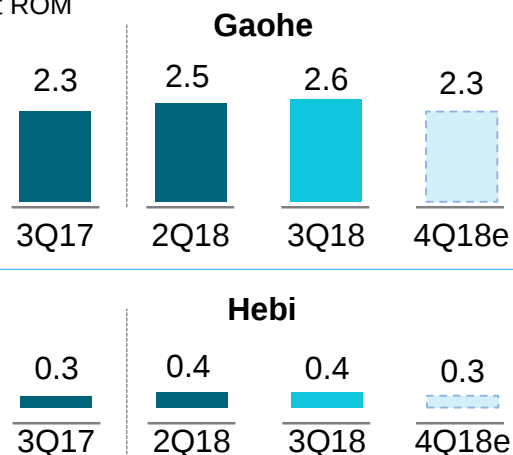
CHINA COAL 2018e PRODUCTION

▲ Operation
△ Project



3Q17-4Q18e CHINA COAL OUTPUT*

Unit: Mt ROM



Note: * Output figures are ROM output (100% basis)

GAOHE OPERATIONAL UPDATES

- Stable production with continued focus on safety
- Overall coal market remains stable with stable demand but transportation constraints along supply chain
- Expected slightly lower demand in Q4 due to environmental control during winter heating season

Gaohe summary	4Q17	1Q18	2Q18	3Q18
Sales (Mt)	2.5	2.1	2.4	2.4
ASP (US\$/t)	84	96	96	92
Revenue (US\$M)	208	199	229	221
COGS (US\$/t)	55	55	51	47
EBITDA (US\$M)	100	104	126	126

Note: 1 Mineral Resources and Petroleum Authority of Mongolia
2 Detail Environmental Impact Assessment
3 Ministry of Environment and Green Development

HEBI OPERATIONAL UPDATES

- Higher production QoQ due to stable mining conditions
- Continue to manage gas drainage and to improve development rate

MONGOLIA PROJECTS UPDATES

Tsant Uul

- Collaborate with pyrolysis vendors and oil upgrading vendors to add more value to tar oil and char

Unst Khudag and Altai Nuurs

- Preliminary feasibility study for UK coal conversion
- Received MRPAM¹ approval of Feasibility Study for AN Coal Fired Power Plant
- Received approval DEIA² report for AN Coal Fired Power Plant from MEGD³

- 1 Integration focus
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- 6 Looking ahead

Banpu Power overview 3Q18: Greater Mekong region



THAILAND

BLCP

Complete unit 1 minor inspection for 3 weeks and continue unit 2 EMJ activities for 10 weeks which expected to complete by December 2018*

- EAF** reported at 88% resulted from the planned maintenance of unit 1
- EBITDA of THB 1.6 Bn, -7% YoY and -28% QoQ
- Profit contribution of THB 0.3 Bn, -24% YoY and -47% QoQ



LAOS

Hongsa

Consistent operational performance with better reliability, the reported EAF at 84% level

- EAF reported at 84%, +2% improvement QoQ and YoY though underwent planned maintenance of unit 2 for 6 weeks
- EBITDA of THB 3.3 Bn, -7% QoQ, due to higher investment for plant improvement program during the quarter
- Profit contribution of THB 0.8 Bn, +27% YoY and -45% QoQ

Banpu Power overview 3Q18: North Asia



CHINA

China CHP

Performance still impacted by seasonality, with improvement in cost management

- EBITDA of RMB 23 M improve 21% QoQ due to coal cost management

SLG

- Construction progress as planned with target COD by end 2019-early 2020

China Solar

Stable operational performance from high irradiation during summer

- Power sold slightly down by -3% QoQ
- Reported revenue of RMB 40 M, -5% QoQ

JAPAN

Japan Solar

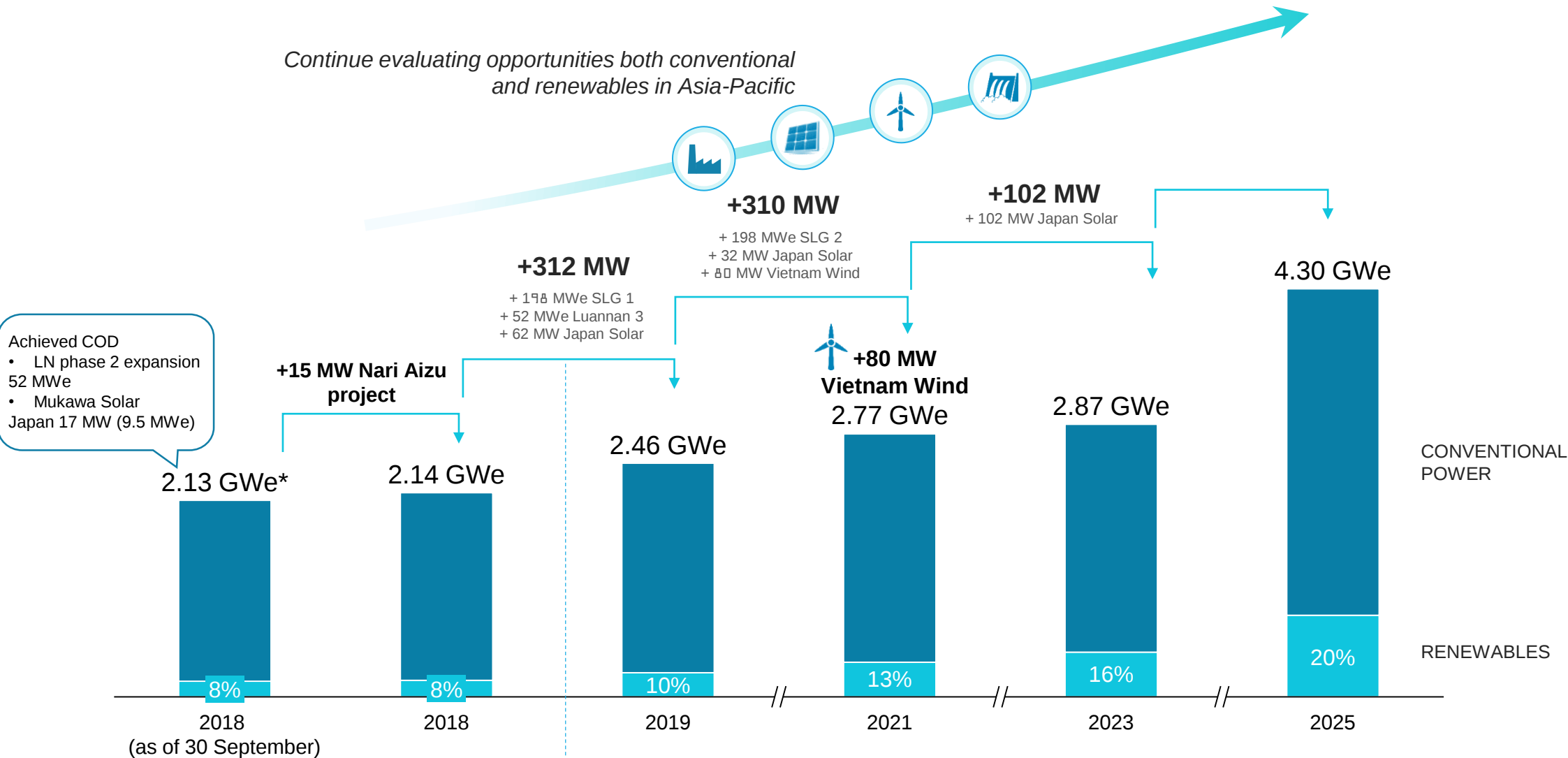
Lower capacity factor QoQ from unfavorable weather conditions and typhoon in September

- Capacity factor slightly decrease to 15% QoQ
- Project Nari Aizu ready for COD on 1st December 2018
- Expected COD adjustment of project Yamagata

Banpu Power: growth target on track

TOTAL EXPECTED OPERATING EQUITY CAPACITY AT YEAR-END

Continue evaluating opportunities both conventional and renewables in Asia-Pacific



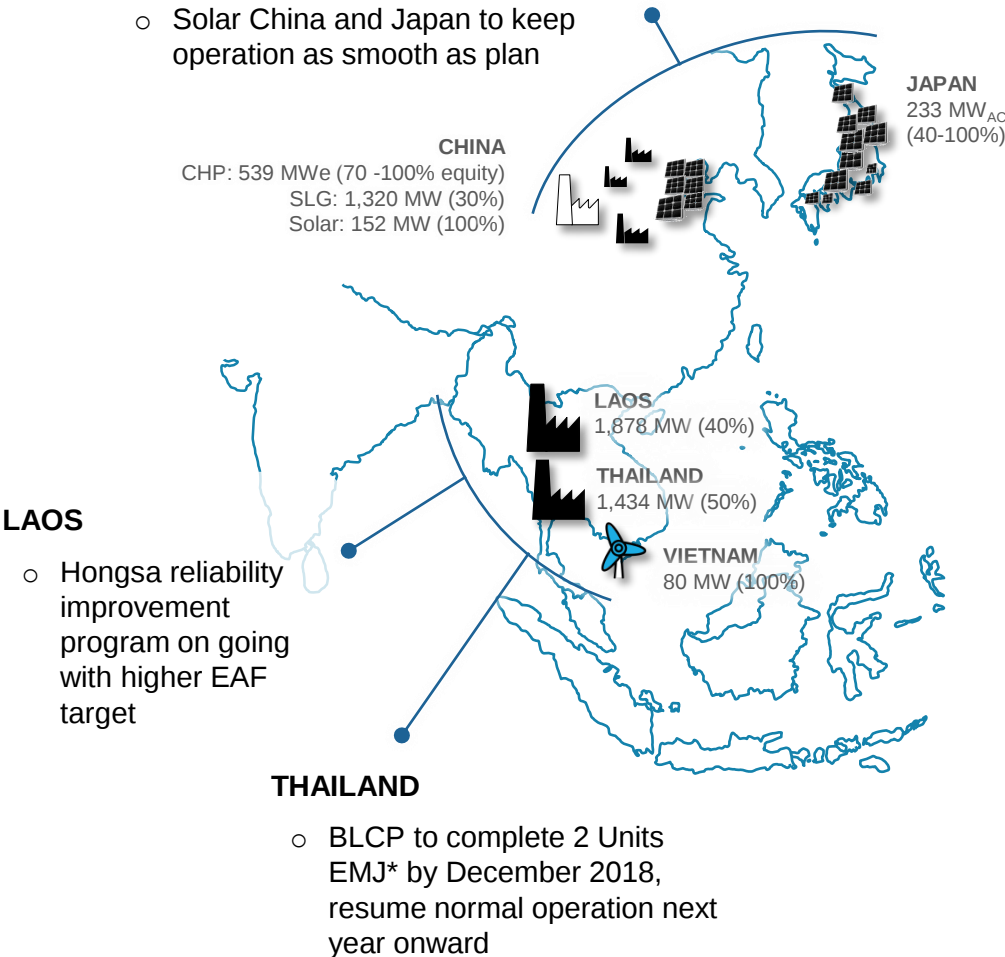
OUR WAY IN ENERGY

Note: *GWe = equity GW equivalent including steam

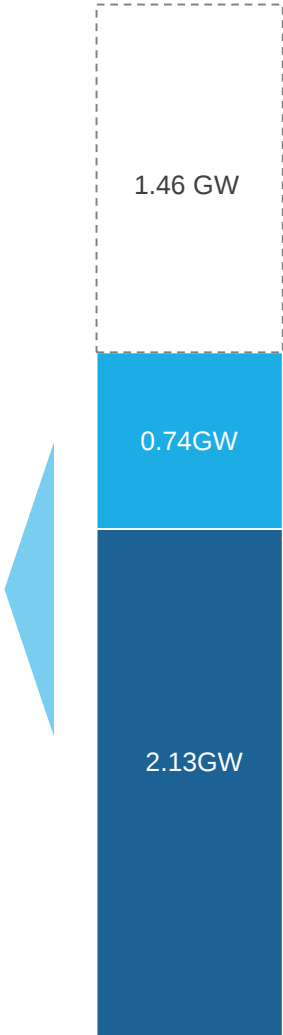
Committed to growth performance

CHINA AND JAPAN

- China CHP continue its plant improvement and emission control
- Solar China and Japan to keep operation as smooth as plan



TARGET 4.3 GW (20% renewable)



NEW GROWTH

- Seeking new conventional coal-fired power project in target countries i.e., Vietnam, Philippines, and Indonesia

COMMITTED PIPELINE

- 740 MW committed capacity in pipeline with target to achieve COD by 2023
- Achieved 10% of renewable capacity in portfolio

OPERATIONAL CAPACITY

- Operation improvement and reliability enhancement

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U.S. gas market update

AVERAGE HENRY HUB PRICE AS OF 26 OCT-18

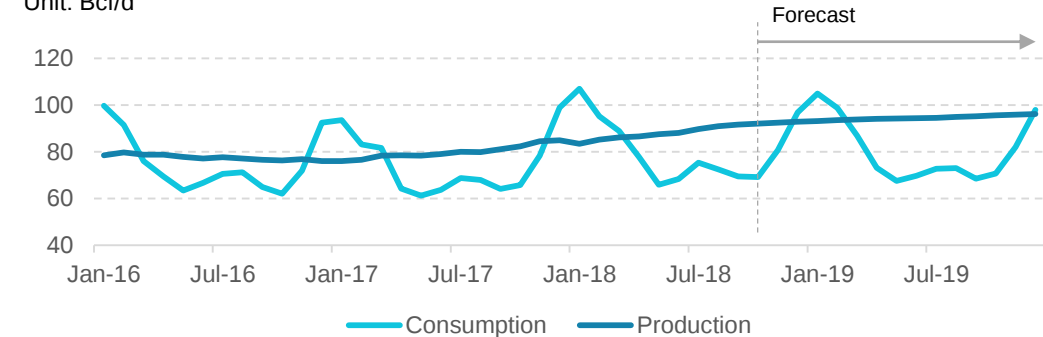
Unit: US\$/MMBtu



- Price has jumped to **\$3.16 per MMBtu** due to concern on **lower than normal gas inventories** before gas burning season. However strong production growth and warm winter forecasts could be the downside, otherwise price will maintain at the high level throughout 4Q18
- According to the trade dispute between the US and China, China imposed a 10% tariff on US LNG and could seek option on supply from Russia and Iran while US is required to push hard to sell more gas to EU and Japan instead

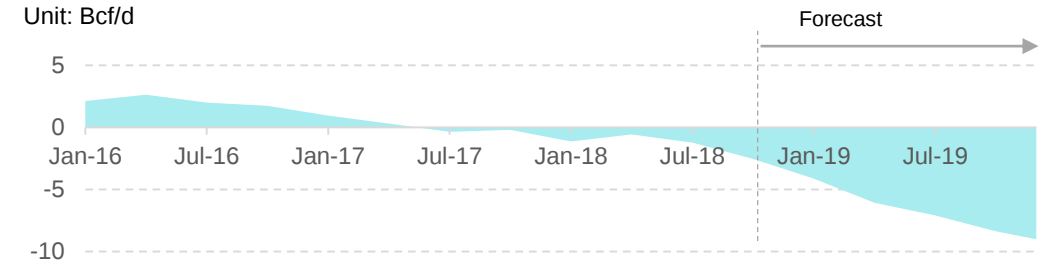
U.S. TOTAL NATURAL GAS PRODUCTION – CONSUMPTION

Unit: Bcf/d



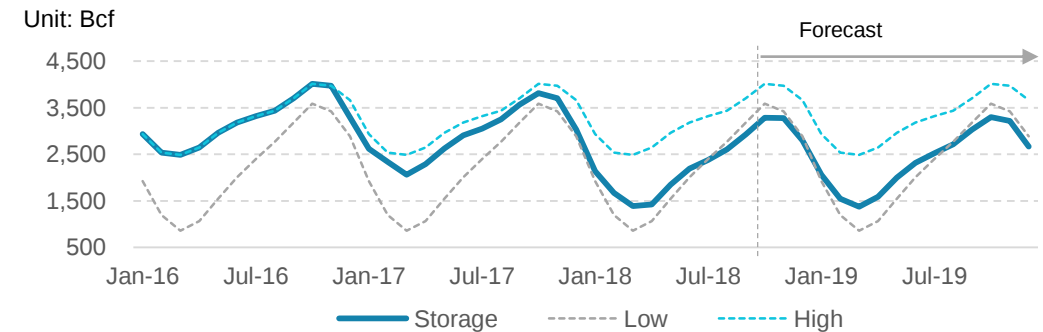
U.S. NET NATURAL GAS TRADE

Unit: Bcf/d



U.S. STORAGE LEVEL

Unit: Bcf

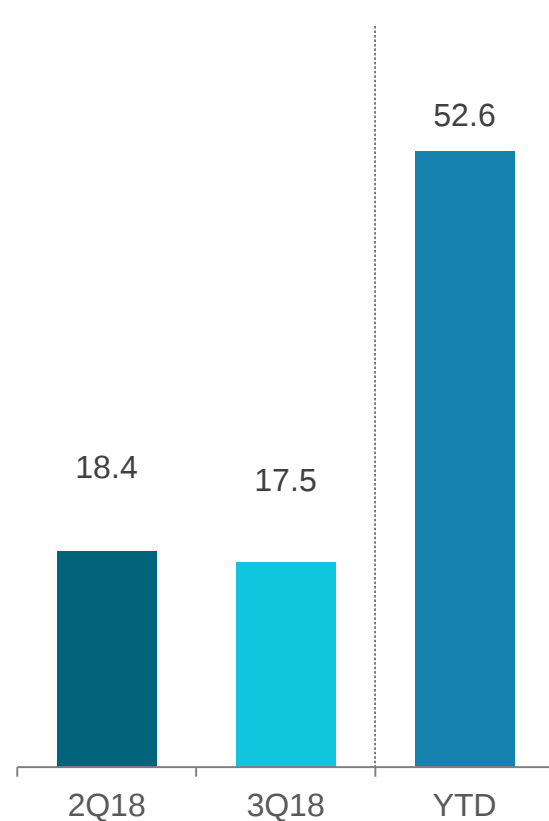


Gas business 3Q18 performance

YTD EBITDA reached \$US74 M with positive momentum of Henry Hub price should be continued through 4Q18 and strong contribution of volume from new wells

SALES VOLUMES

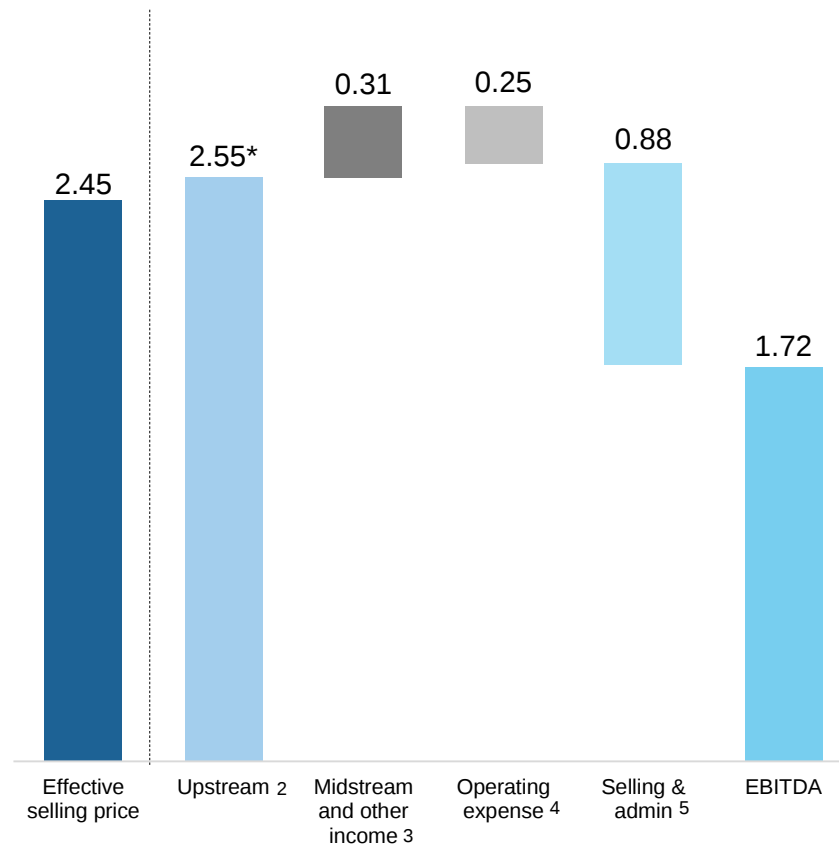
Unit: Bcf ¹



Note:
1 Billion cubic feet
2 Revenue after royalties and fees

3Q18 EBITDA BREAKDOWN PER UNIT

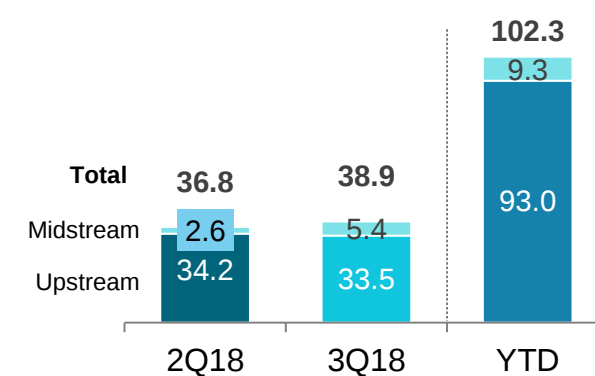
Unit: US\$/1000 Cubic Feet (Mcf)



3 Pipeline recovery income and derivatives
4 Lease operating expense and work over expenses
5 Taxes, marketing and transportation expenses, and administrative expense

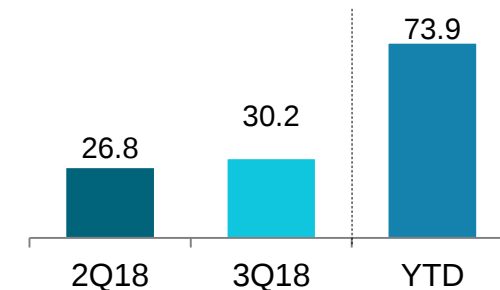
TOTAL REALIZED REVENUE

Unit: US\$M



EBITDA

Unit: US\$M

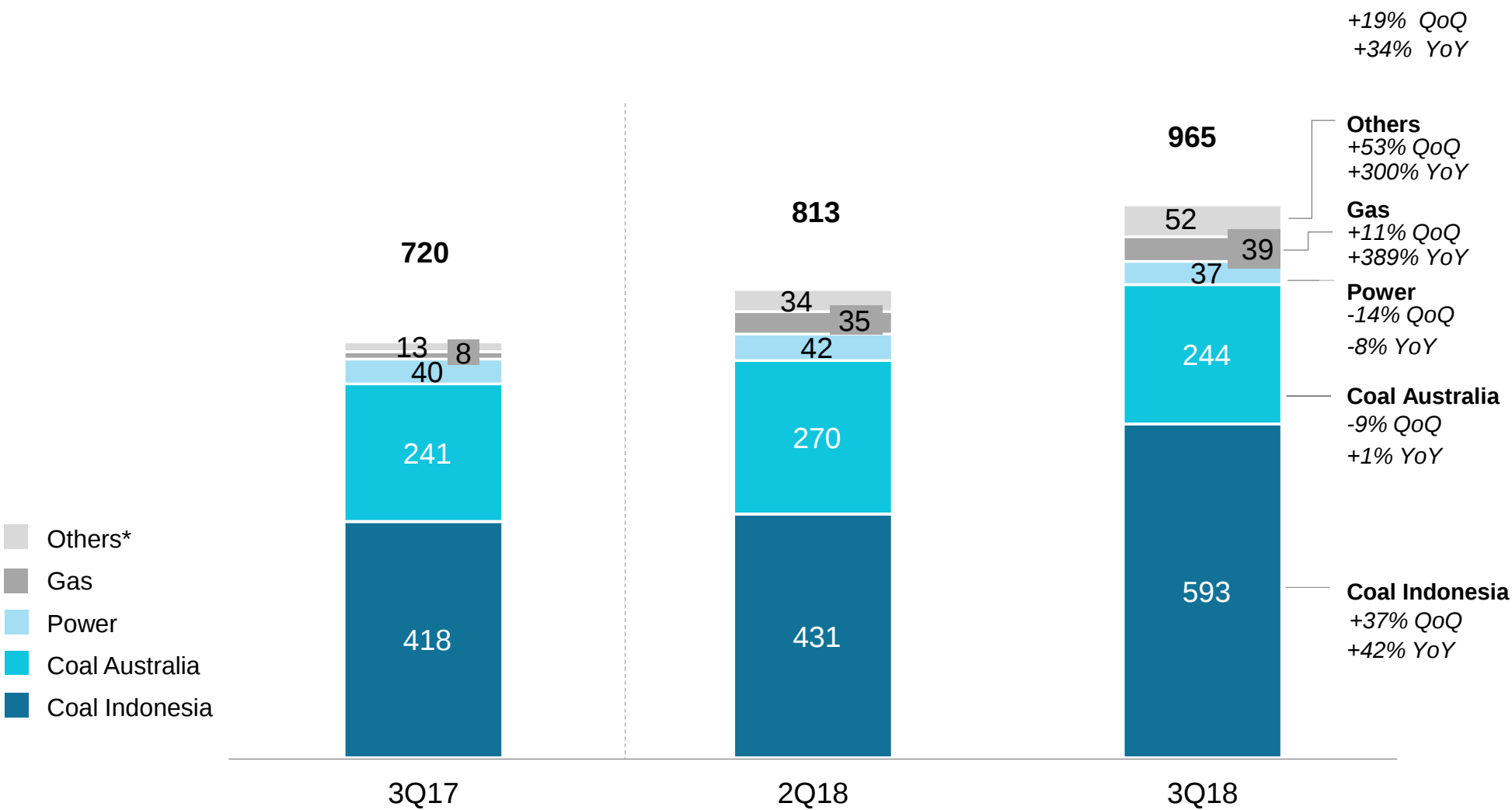


*Royalty burden review and adjustment

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Banpu consolidated sales revenues

USD million

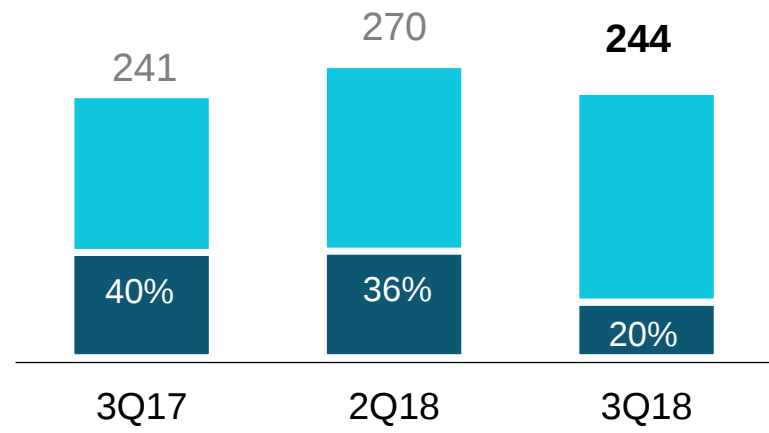


Banpu consolidated coal gross margin 3Q18: 39%

AUSTRALIA COAL

USD million

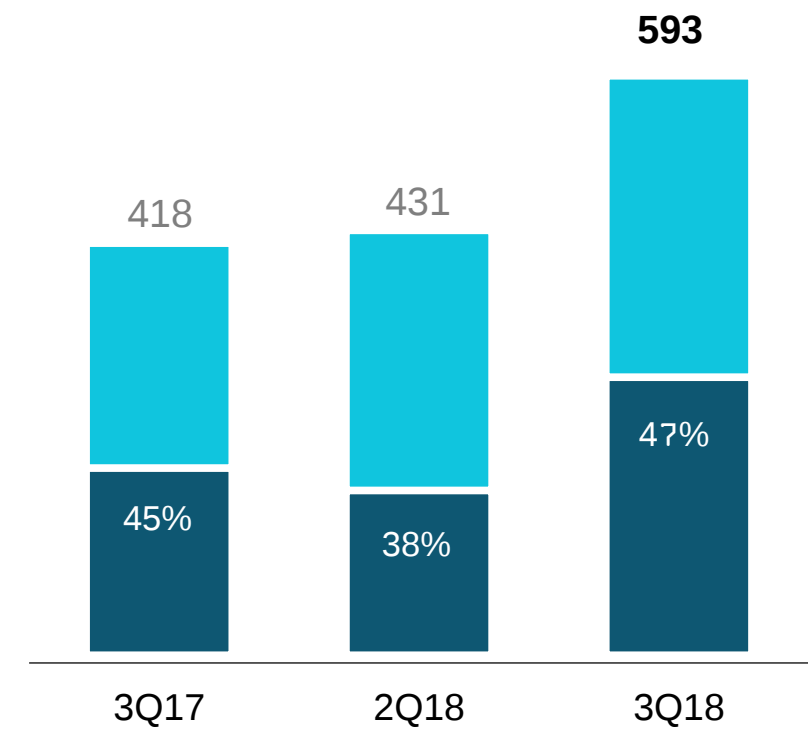
Australia coal
gross margin: 20%



INDONESIA COAL

USD million

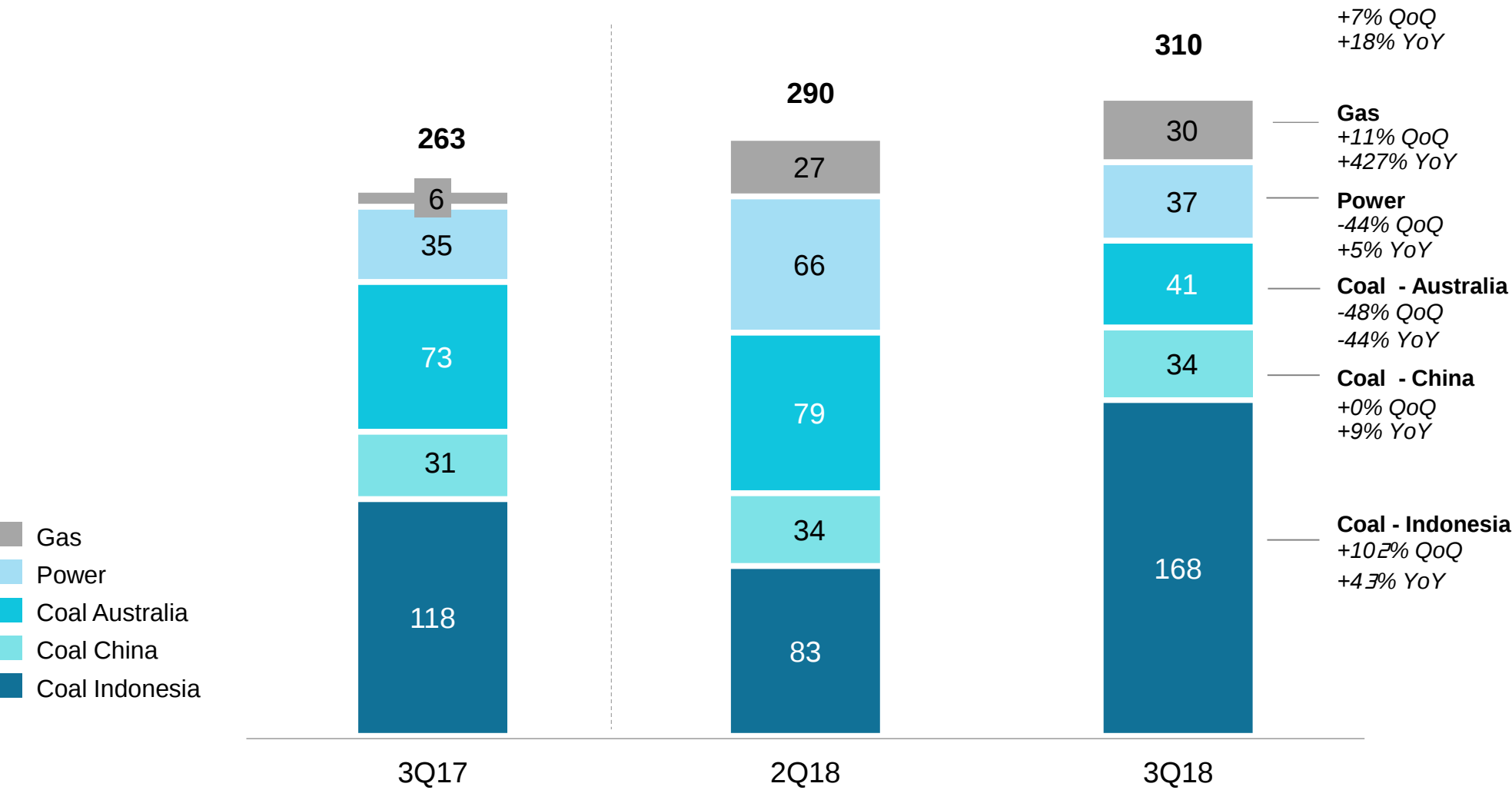
Indonesia coal
gross margin: 47%



Coal sales Gross margin

Banpu consolidated EBITDA

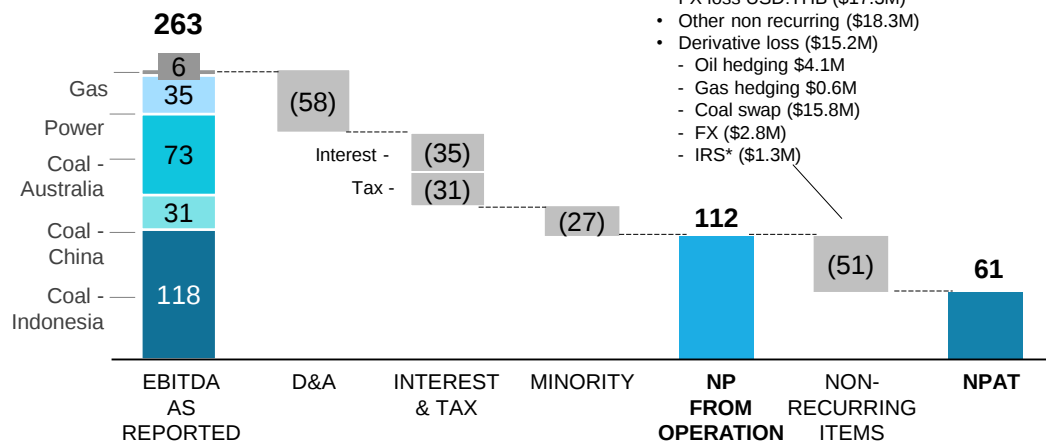
USD million



Banpu consolidated NPAT

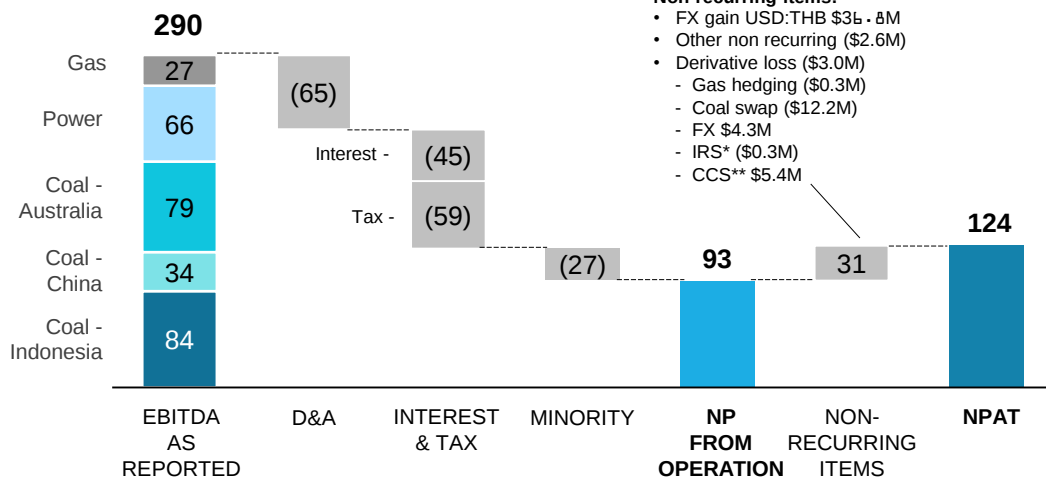
3Q17 NET PROFIT AFTER TAX

USD million



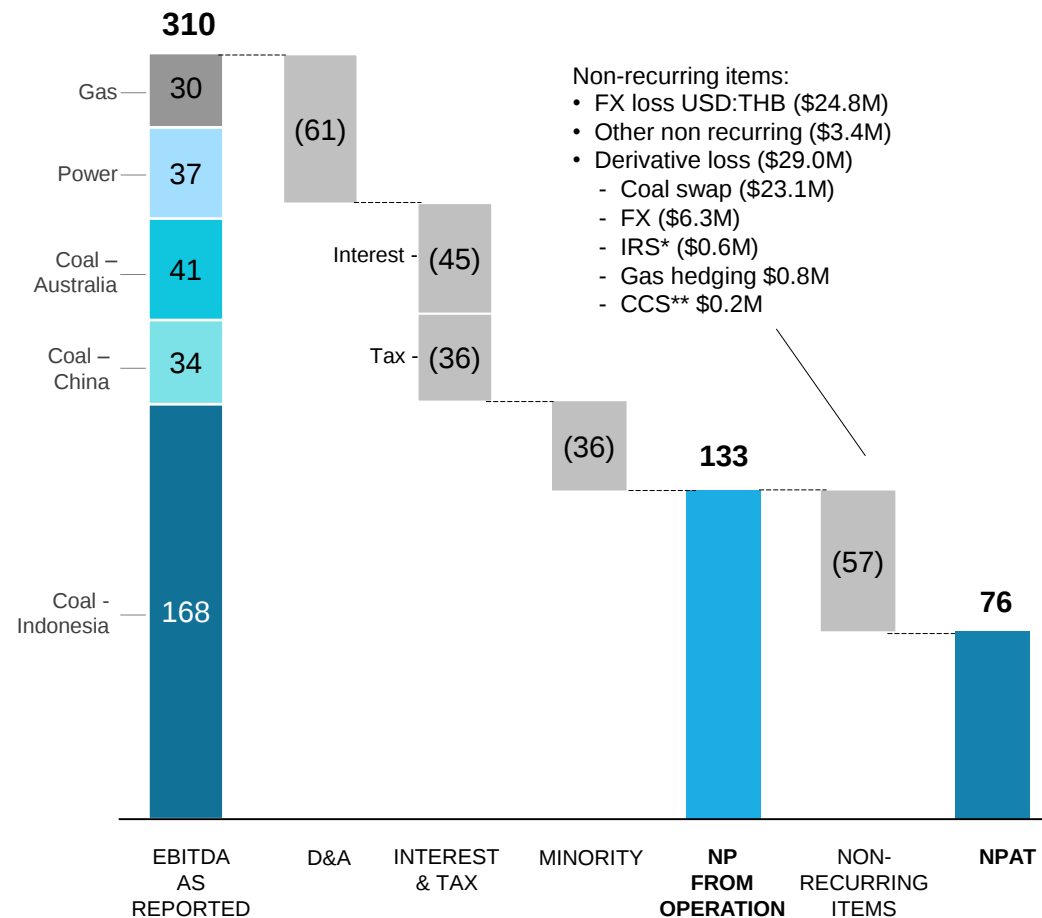
2Q18 NET PROFIT AFTER TAX

USD million



3Q18 NET PROFIT AFTER TAX

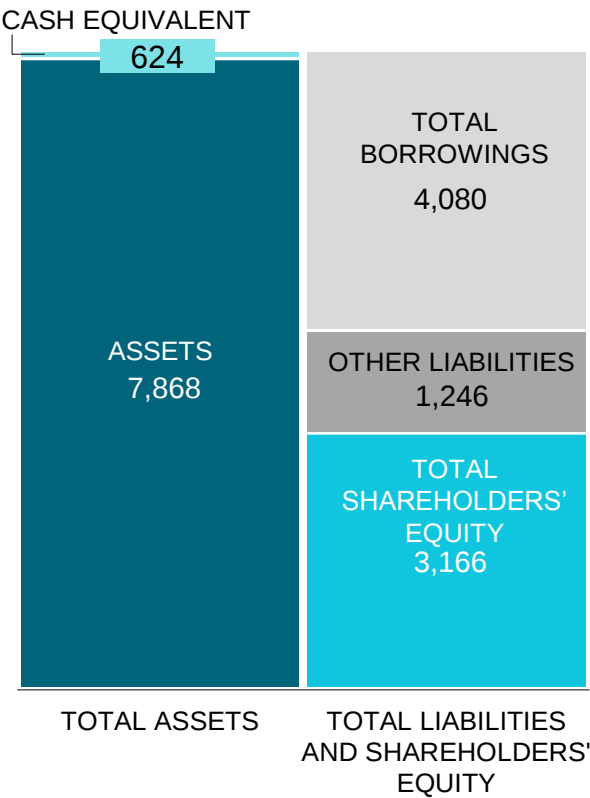
USD million



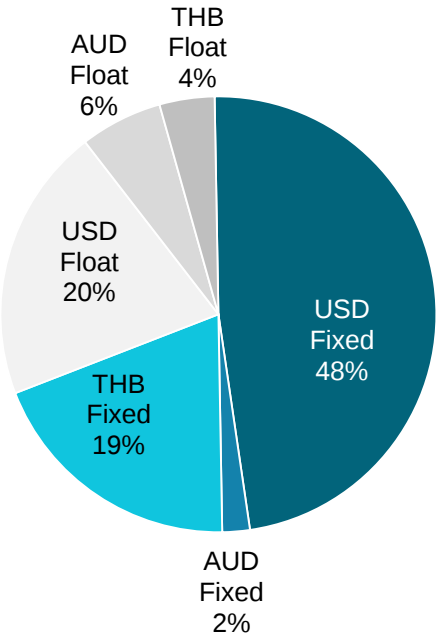
Banpu consolidated balance sheet

3Q18 CONSOLIDATED BALANCE SHEET

USD million

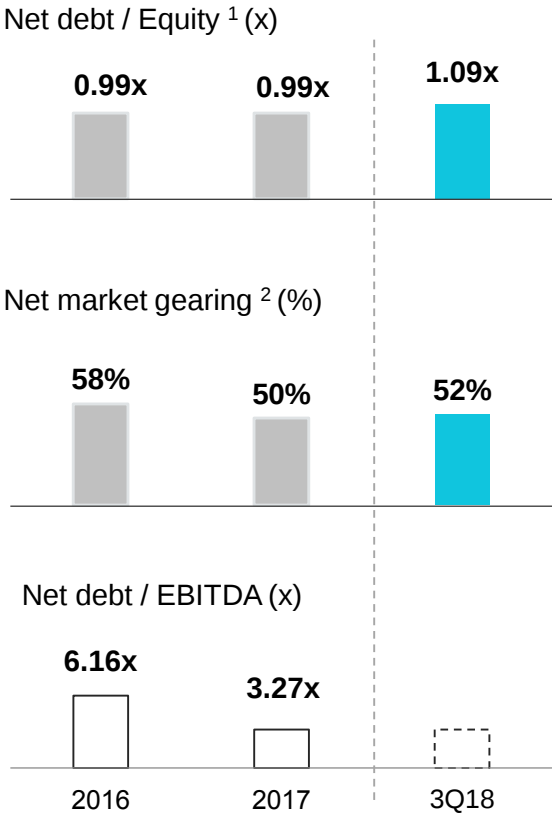


DEBT FX STRUCTURE



Total gross debt: US\$4.08 billion
As of 30 September 2018

GEARING RATIOS



Note:
1 Net debt to book value of shareholders' equity
2 Net debt to enterprise value (enterprise value = net debt + market capitalization as at 30 September 2018)

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Key takeaways Q3 2018



US\$133 M NET PROFIT FROM OPERATION

Adjusted net profit from operation (before FX and other non-recurring items)
+43% QoQ, +19% YoY



US\$310 M GROUP EBITDA

Consolidated EBITDA
+7% QoQ, +18% YoY;
Strong coal and gas EBITDA improvement offsets lower power contribution



COAL EBITDA REMAINS STRONG

US\$243 M coal EBITDA
+24% QoQ, +10% YoY;
ITM exceeded target output;
CEY impacted by difficult mining conditions and extended longwall



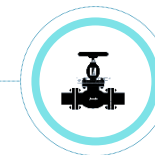
HONGSA HIGH EAF DESPITE MAINTENANCE

Hongsa achieved >80% EAF despite planned maintenance showing better realibility; Hongsa's profit before FX
US\$28 M +4% QoQ, +6% YoY



SOLAR POWER: STABLE PERFORMANCE

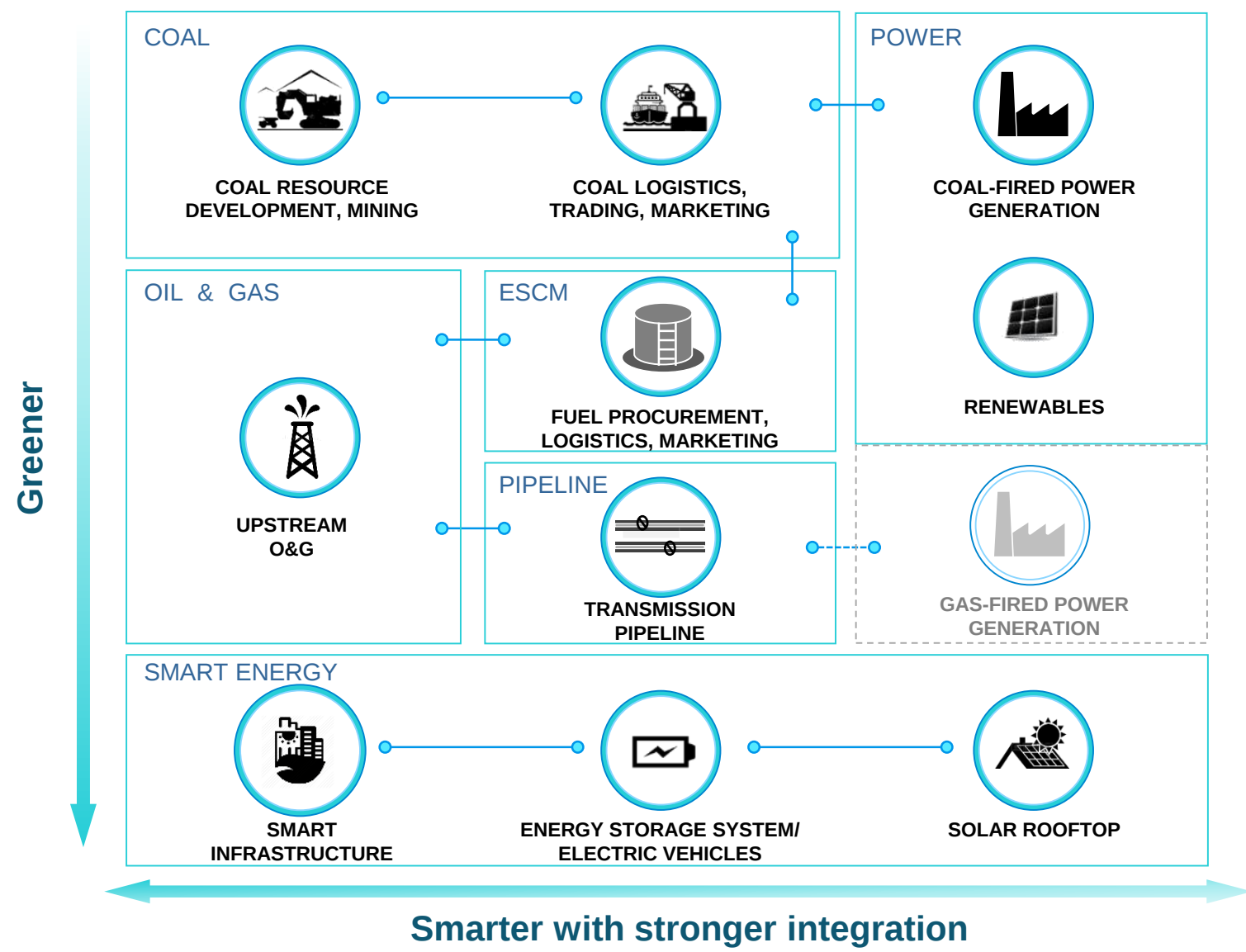
China solar's profit
+23% QoQ, +78% YoY;
Japan solar performance impacted by weather conditions



GAS EBITDA STRONG CONTRIBUTION

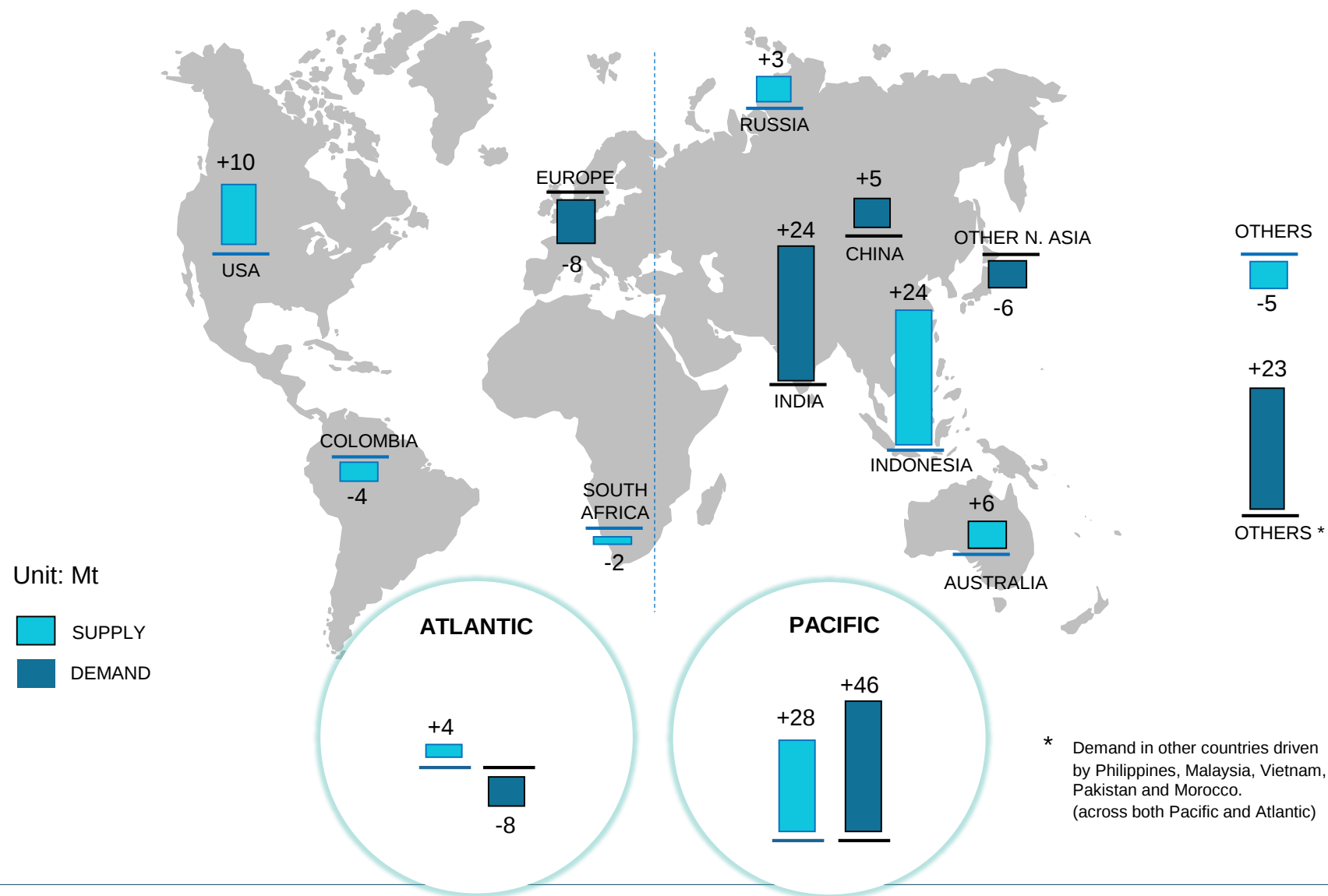
US\$74 M YTD Gas EBITDA supported by higher volume from new wells and portfolio selling price improvement

Greener, smarter - and stronger integration



APPENDIX

Regional thermal coal market: 2018 vs 2017



Gas business: 2018 indicative guidance

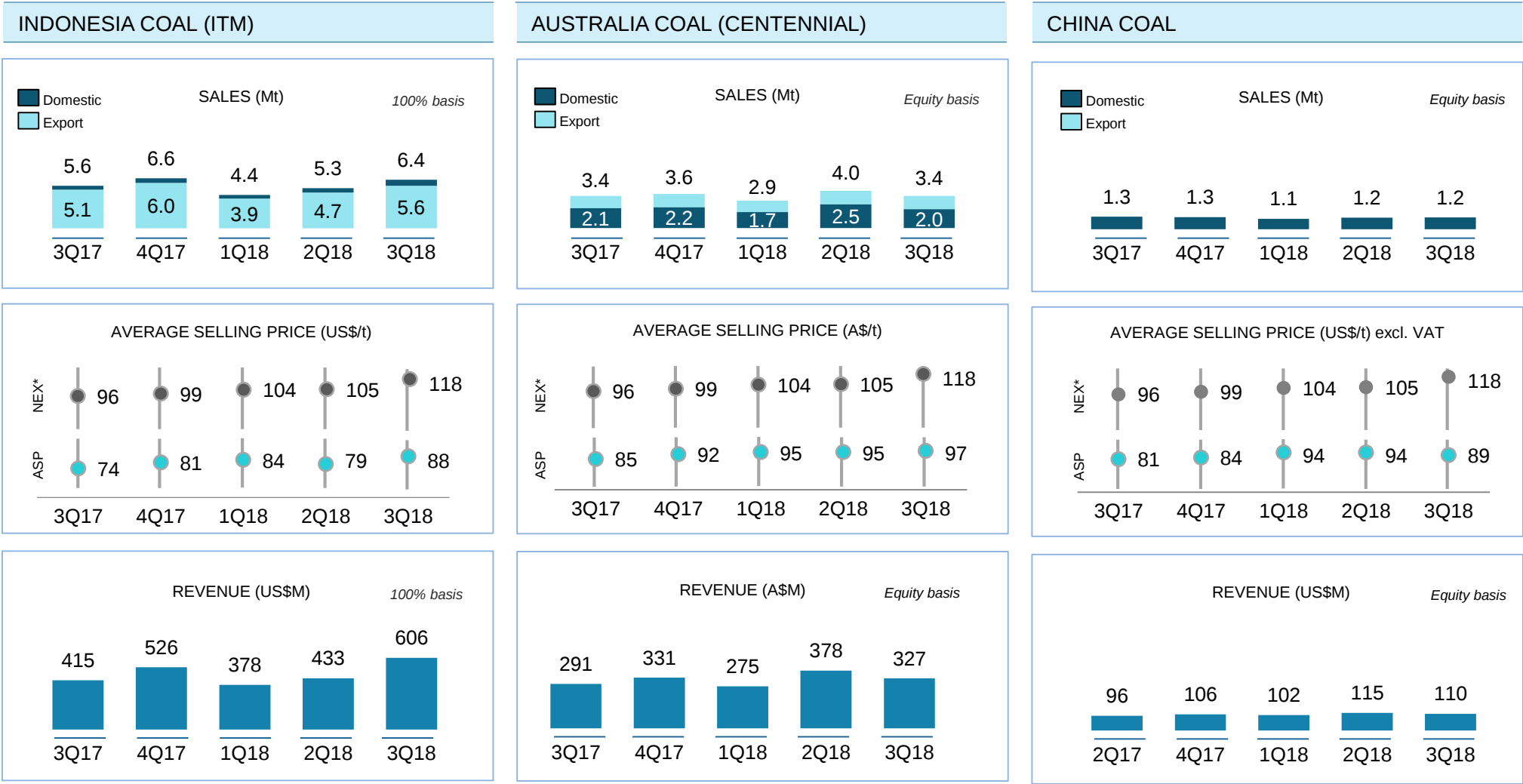
ILLUSTRATIVE AND INDICATIVE ONLY

UNIT GUIDANCE (US\$/ MCF)		COMMENTS
REVENUE		
Average differential to Henry Hub	\$0.5-\$0.8	Difference selling points and (NYMEX basis) and Henry Hub
Pipeline revenue	\$0.05-\$0.15	Applicable to Chaffee Corners volume only
COSTS		
G&C costs	\$0.3-0.4	Gathering and compression costs (to intrastate pipelines)
Lease operating costs	\$0.2-\$0.3	Main component of operating costs
G&A	\$0.25-\$0.35	General and administrative costs
DD&A	\$0.75-0.85	Depreciation, depletion and amortization
Taxes	21%	Currently benefit from tax shield due to accelerated DD&A

CURRENT PORTFOLIO (2018)

Reserves (Bcf)	1,074
Production (mmcfd)	200 - 230

Banpu group Q-Q revenue analysis: coal



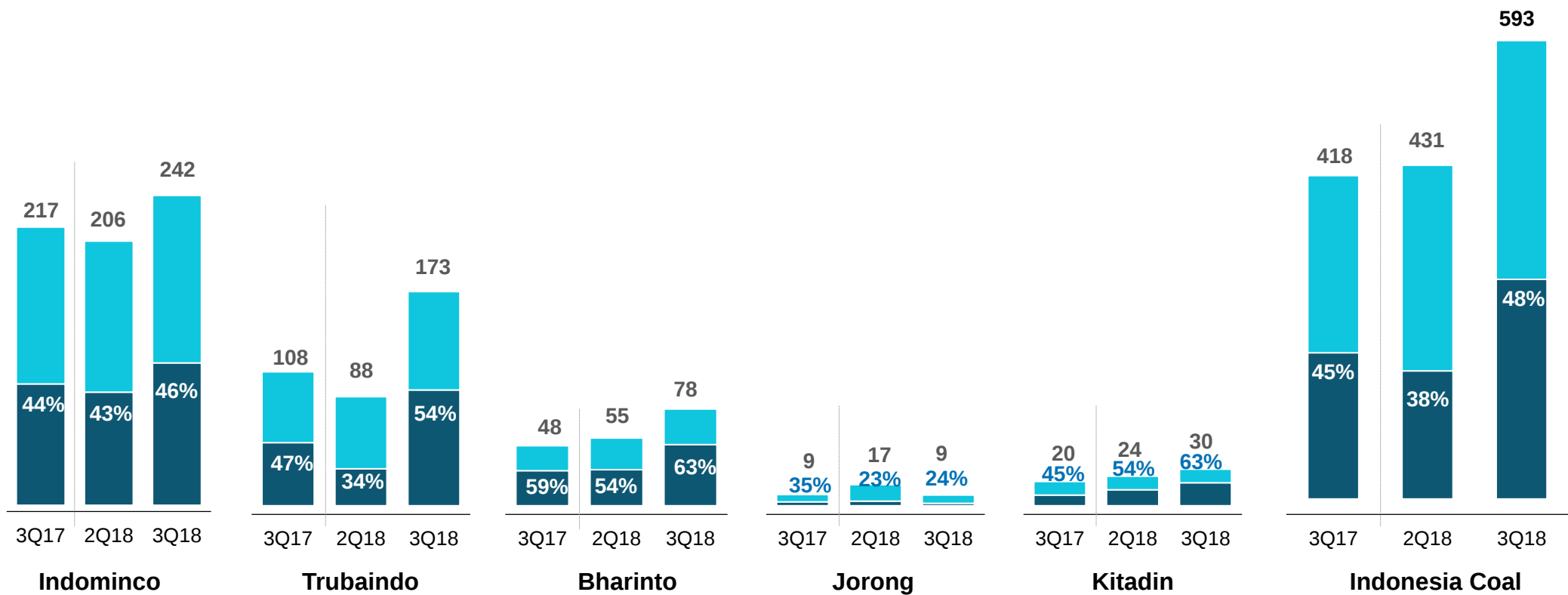
Note: ITM and Centennial revenues are consolidated in Banpu income statement.
Australia Coal – Third party coal sales included.

*NEX = Newcastle Export Index (formerly Barlow Jonker Index or BJI)
It is relevant but not linked to China Coal's ASP

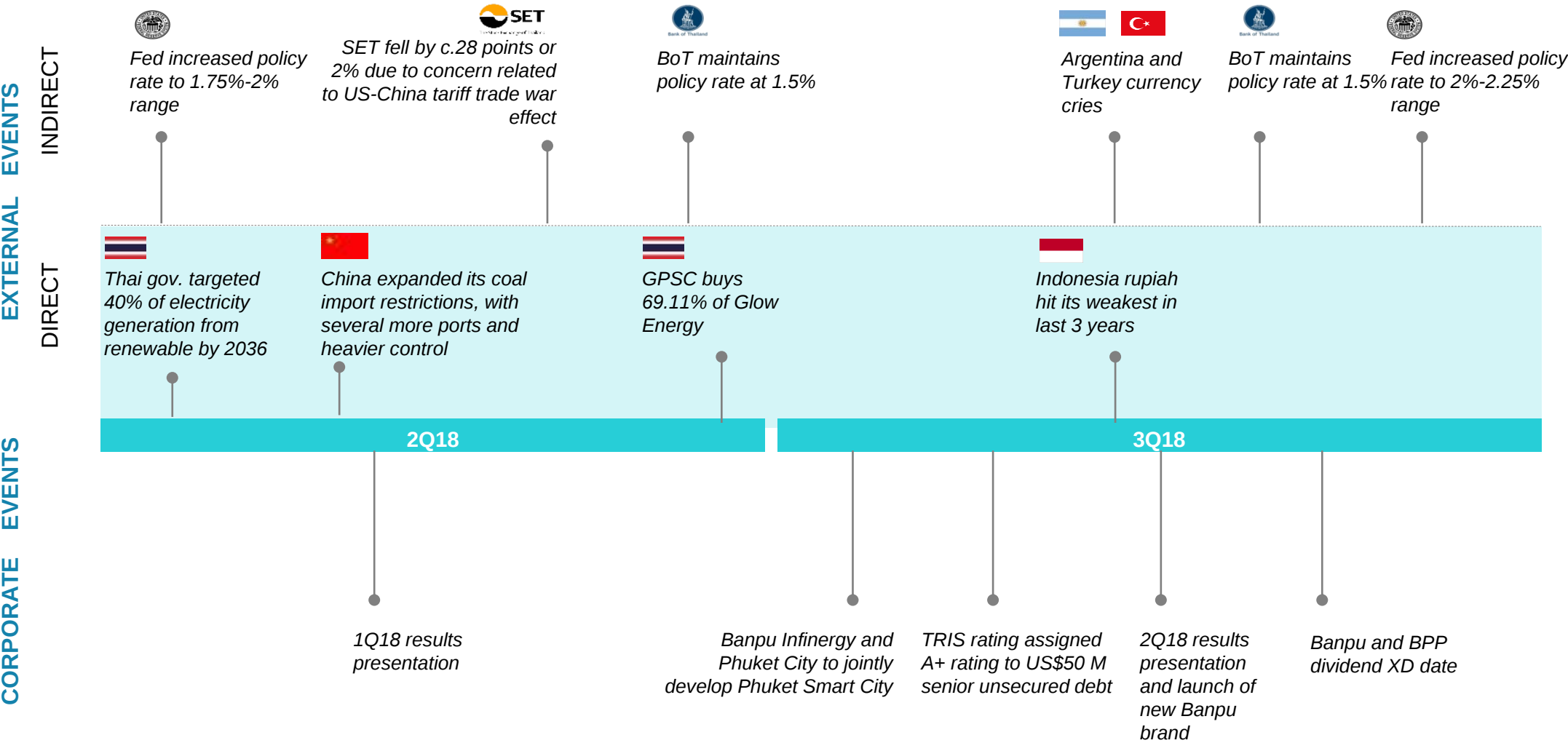
Note: Hebi and Gaohe revenues are not consolidated in Banpu income statement.

Indonesia coal gross margin 3Q18 : 47%

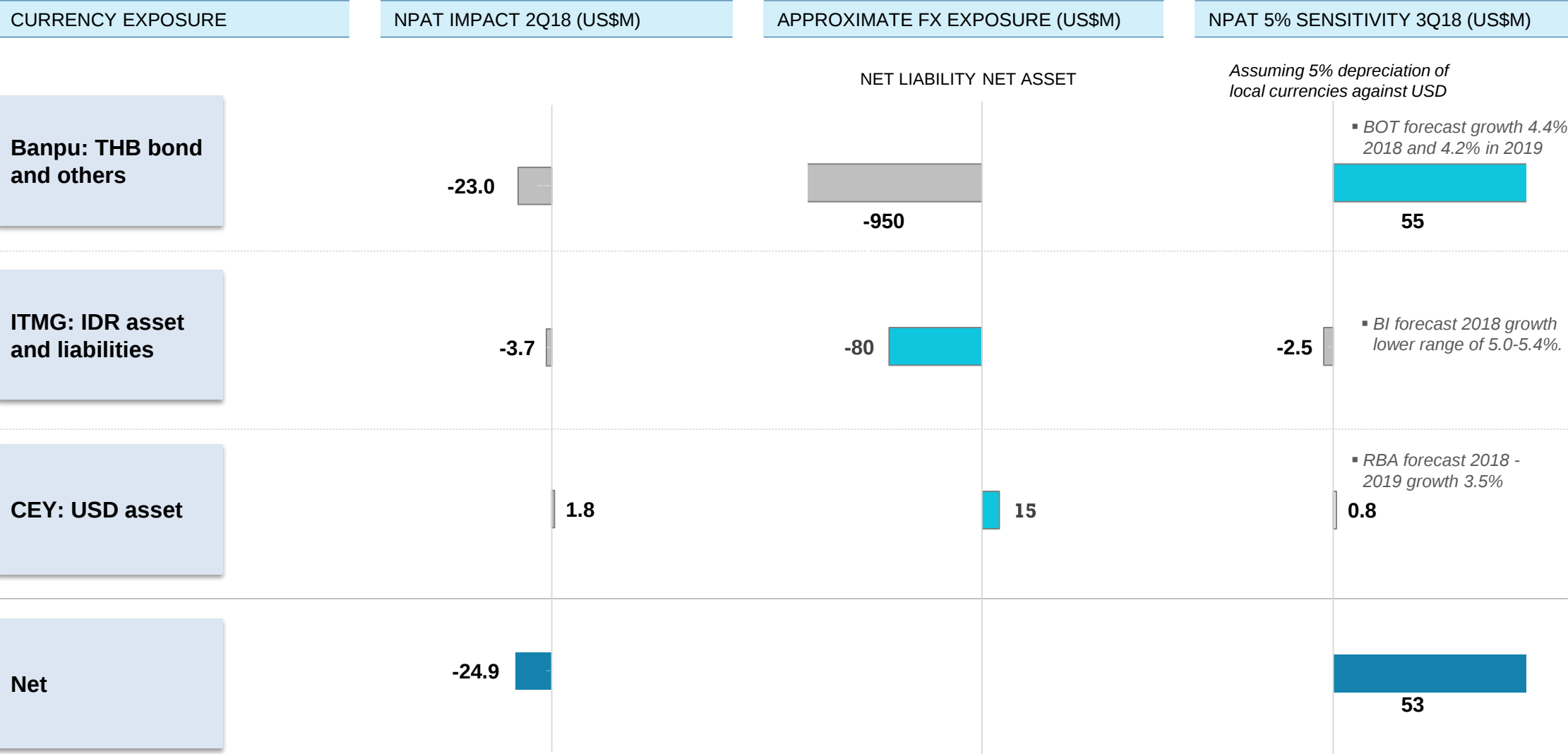
USD million



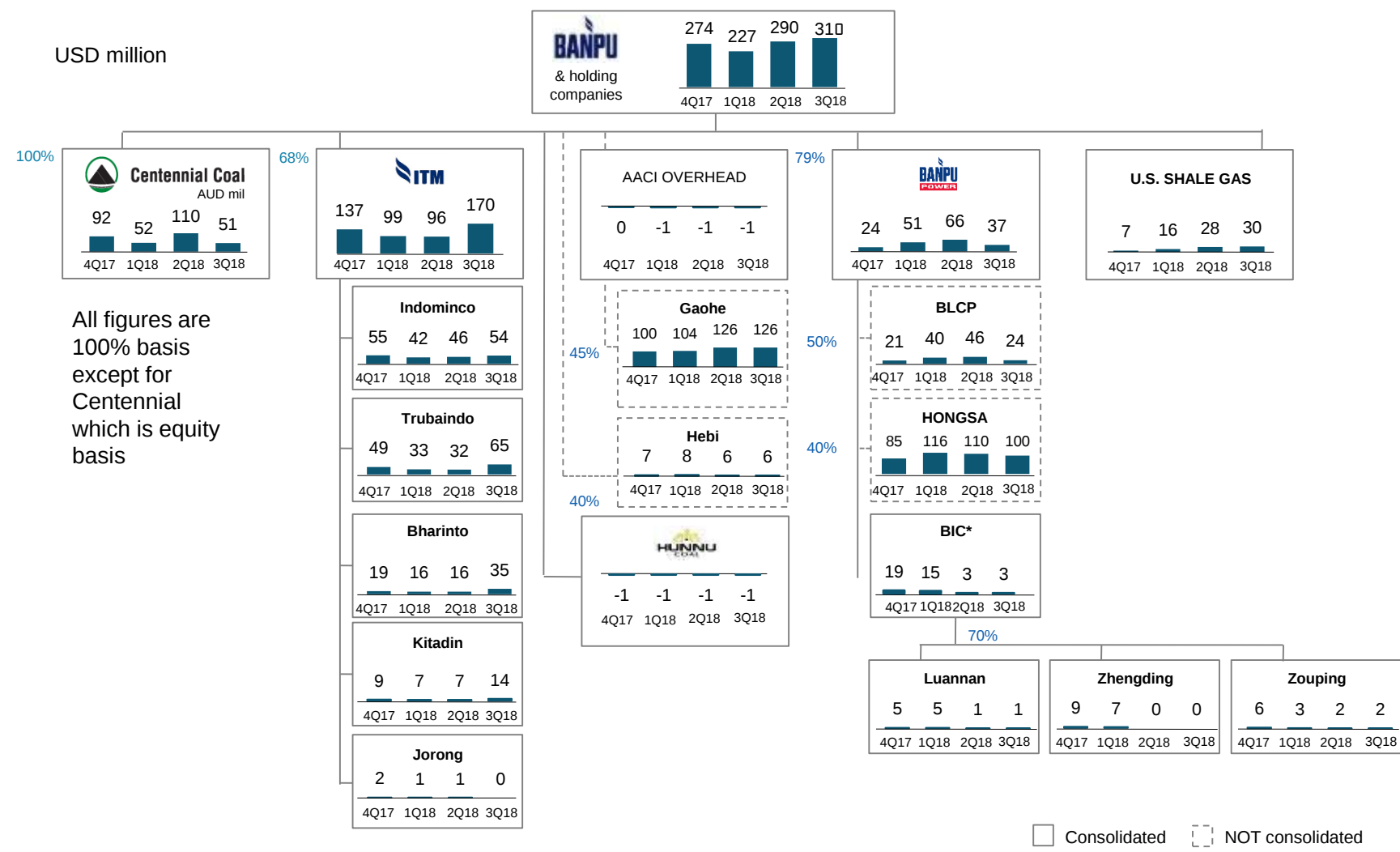
Key external and corporate events



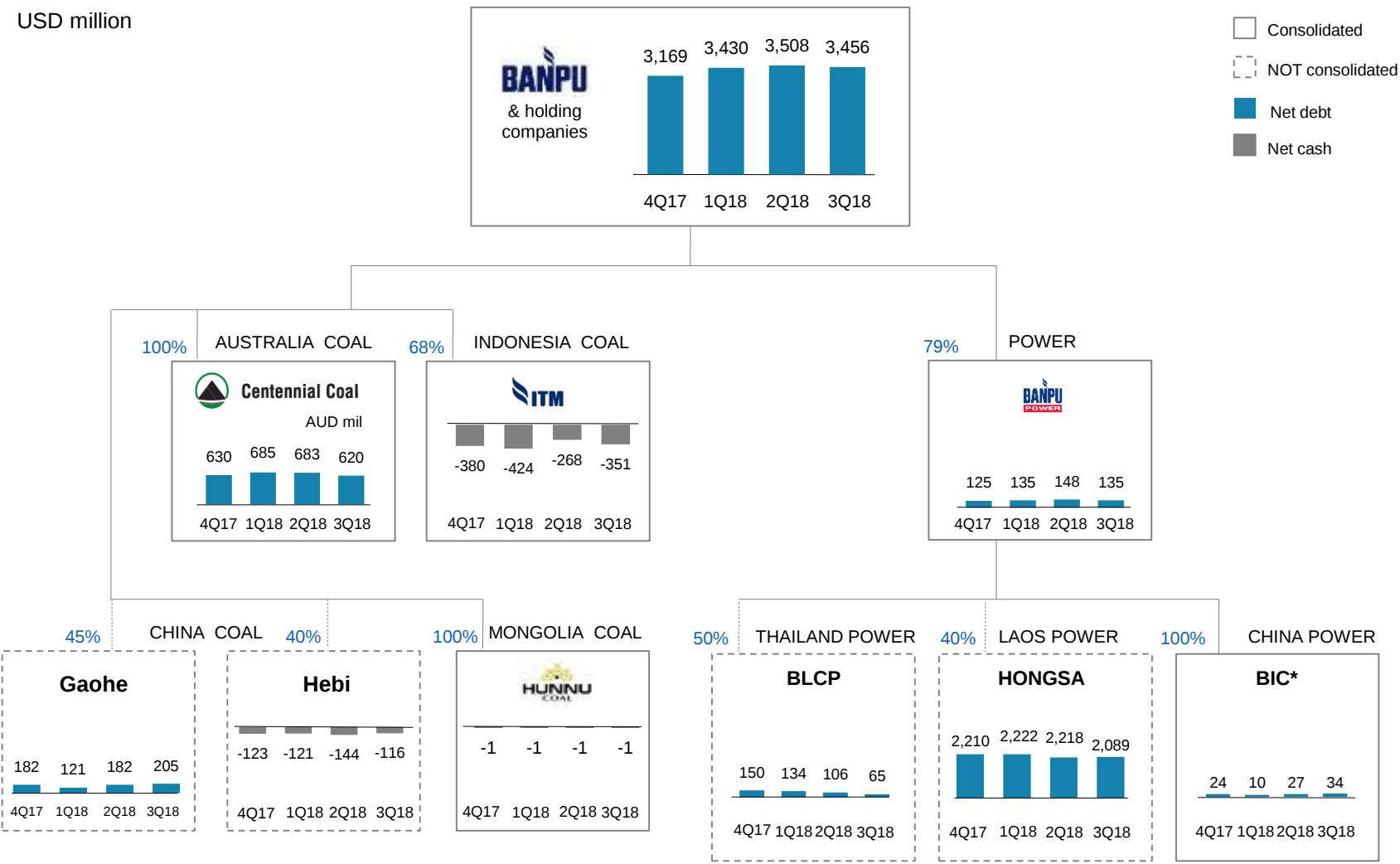
Fx impact analysis guidance on P&L



Banpu group EBITDA breakdown



Banpu group net debt breakdown



Banpu consolidated : operating profit

USD million

	3Q18	2Q18	3Q17	QoQ%	YoY%
Total sales revenues*	965	813	720	19%	34%
Sales revenues – Coal	846	706	669	20%	27%
Sales revenues – Power	37	43	40	-14%	-8%
Sales revenues – Gas	39	35	8	11%	389%
Cost of sales	(609)	(521)	(422)		
Gross profit*	356	292	298	22%	20%
Gross profit – Coal	329	263	285	25%	15%
Gross profit – Power	6	6	7	0%	-16%
Gross profit – Gas	20	16	3	23%	541%
GPM	37%	36%	41%		
<i>GPM – Coal</i>	39%	37%	43%		
<i>GPM – Power</i>	16%	15%	18%		
<i>GPM – Gas</i>	52%	47%	39%		

Banpu consolidated : operating profit

USD million

	3Q18	2Q18	3Q17	QoQ%	YoY%
Gross profit*	356	292	298	22%	20%
GPM	37%	36%	41%		
SG&A	(84)	(92)	(75)		
Royalty	(84)	(64)	(68)		
Income from associates	66	93	60		
Other income and Dividend	5	6	5		
Mining property	(8)	(12)	(15)		
EBIT	249	224	205	11%	22%
EBIT - Coal	202	151	172	34%	17%
EBIT - Power	32	61	31	-47%	3%
EBIT - Gas	16	13	2	23%	777%
EBITDA	310	290	263	7%	18%
EBITDA - Coal	243	196	222	24%	10%
EBITDA - Power	37	67	35	-44%	5%
EBITDA - Gas	30	27	6	11%	427%

Banpu consolidated : net profit

USD million

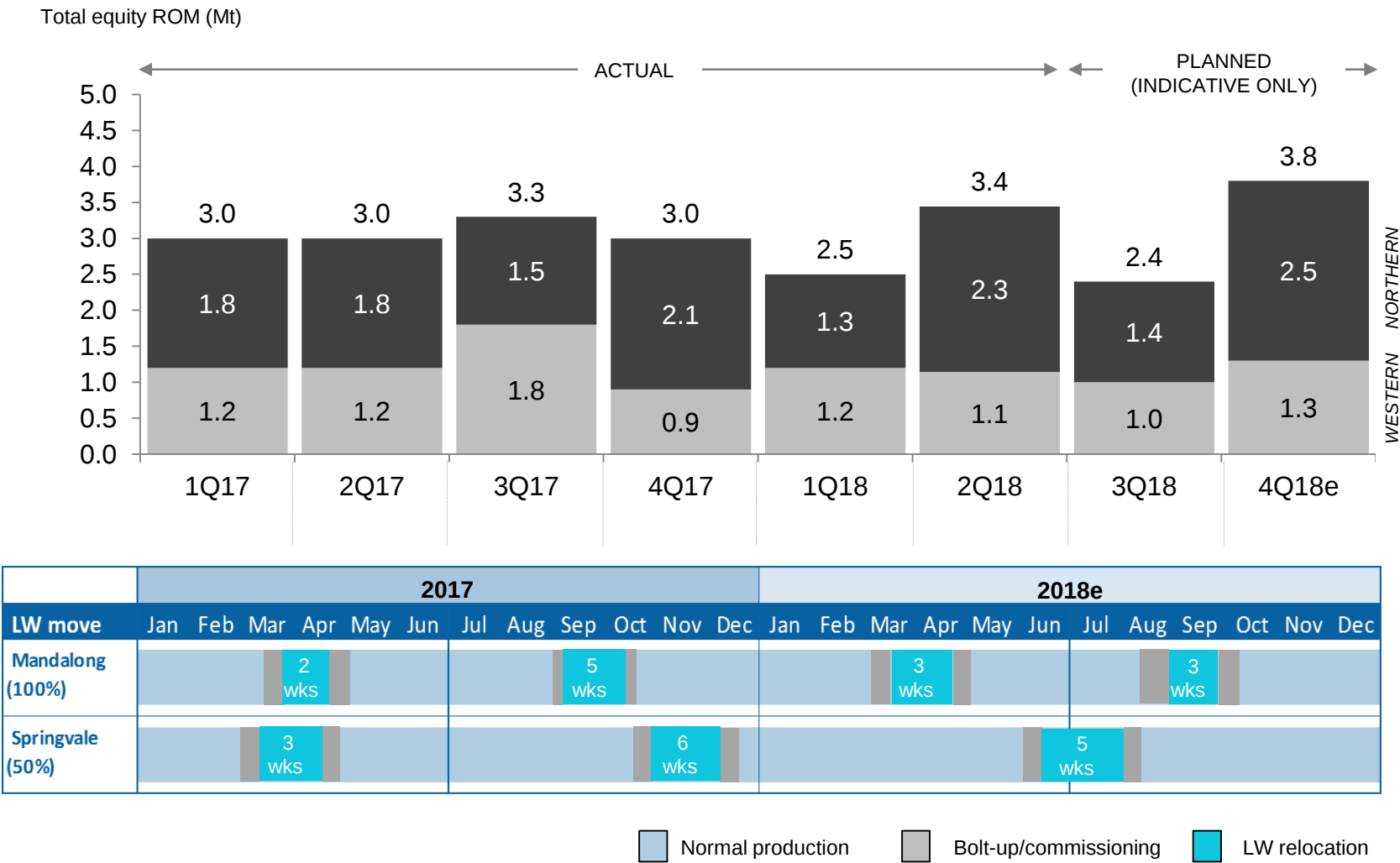
	3Q18	2Q18	3Q17	QoQ%	YoY%
EBIT	249	224	205	11%	22%
Interest expenses	(43)	(43)	(35)		
Financial expenses	(2)	(2)	(1)		
Income tax (core business)	(43)	(20)	(28)		
Minorities	(36)	(27)	(27)		
Net profit before extra items	126	132	115	-5%	10%
Non-recurring items*	(3)	(3)	(18)		
Gain (Loss) on Derivatives Transactions	(29)	(3)	(15)		
Income tax (non - core business)	(0)	(1)	(4)		
Deferred tax income (expenses)	7	(38)	0		
Net profit before FX	101	88	78	15%	29%
FX translations	(25)	37	(17)		
Net Profit	76	124	61	-39%	25%
EPS (US\$/share)	0.015	0.024	0.012		

Centennial : income statement

USD million

	3Q18	2Q18	3Q17	QoQ%	YoY%
Sales volume (Mt)	3.4	4.0	3.4	-15%	-1%
Sales revenue	248.4	288.0	241.4	-14%	3%
Cost of sales	(200.4)	(187.4)	(145.6)		
Gross profit	48.0	100.5	95.7	-52%	-50%
<i>GPM</i>	<i>19%</i>	<i>35%</i>	<i>40%</i>		
SG&A	(16.4)	(30.5)	(30.4)		
Royalty	(13.9)	(15.2)	(16.3)		
Other income	1.9	1.8	1.3		
Other expenses	-	-	-		
EBIT	19.6	56.7	50.4	-65%	-61%
Interest expenses	(6.1)	(6.4)	(6.3)		
Financial expenses	(1.2)	(1.6)	(0.2)		
Gain (loss) on exchange rate	1.8	0.9	(1.5)		
Gain (loss) on derivative	(9.3)	(2.9)	(11.1)		
Corporate income tax	-	-	-		
Deferred tax income	(1.1)	(14.4)	(9.2)		
Net profit	3.8	32.3	22.1	-88%	-83%

Australia coal: quarterly equity rom output



Note: 1 Bar width is indicative of the equity production contributions to Centennial
2 Production generally responds to the timing of longwall changeovers (i.e. lower production results during a longwall changeover period)
3 Angus Place was put on care and maintenance from February 2015.

