PTT Exploration and Production Public Company Limited

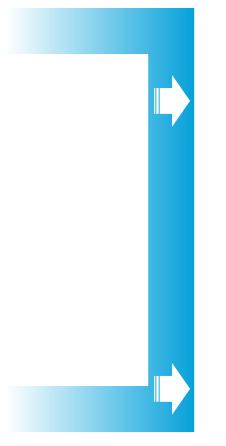
2014 Year-end Opportunity Day Stock Exchange of Thailand 3 March 2015



Dow Jones Sustainability Indices







2014 Highlights

- **/ SD**
- Industry
- Key accomplishment
- Financial performance

Outlook

SSHE & SD

Became a listed member in DJSI and maintaining strong safety culture



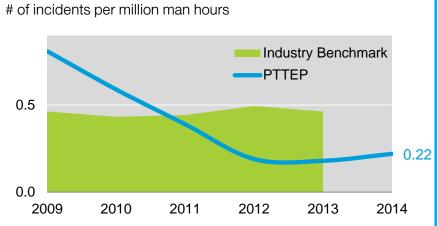


2014 DJSI Listed Company

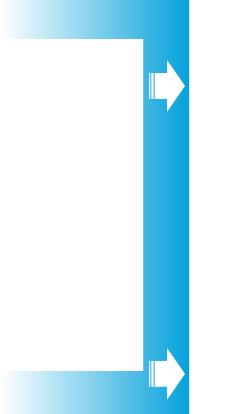
Dow Jones Sustainability Indices In Collaboration with RobecoSAM ()

Dow Jones Sustainability World Index Oil & Gas Sector

Above Industry Average Safety Record







2014 Highlights

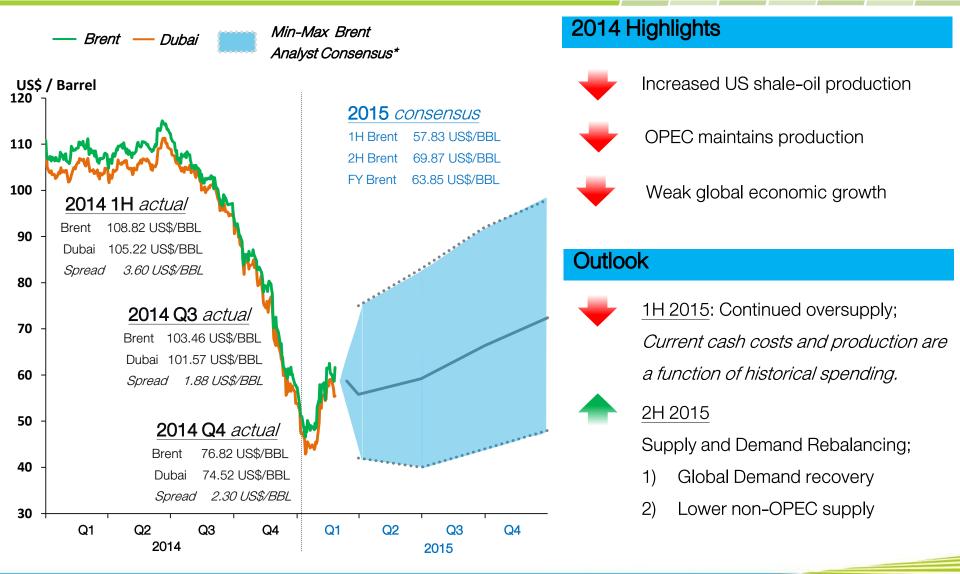
- SD
- / Industry
- Key accomplishment
- Financial performance

Outlook

Oil Price

Sharp drop due to concerns of oversupply



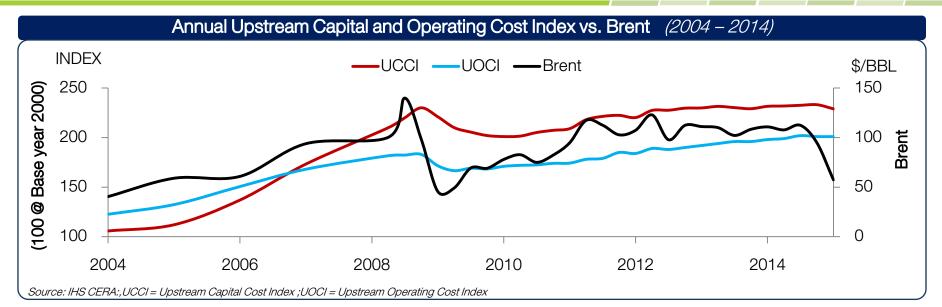


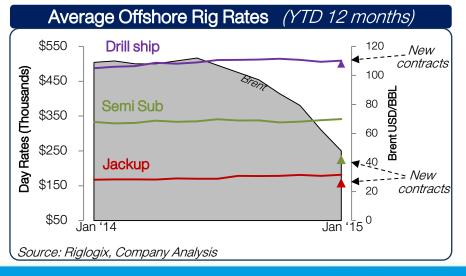
Source: * Bloomberg Analyst Consensus (CPFC) retrieved on 25 Feb 2015;

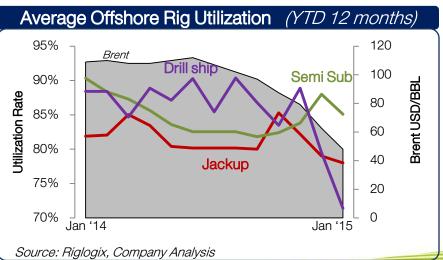
(39 estimates)





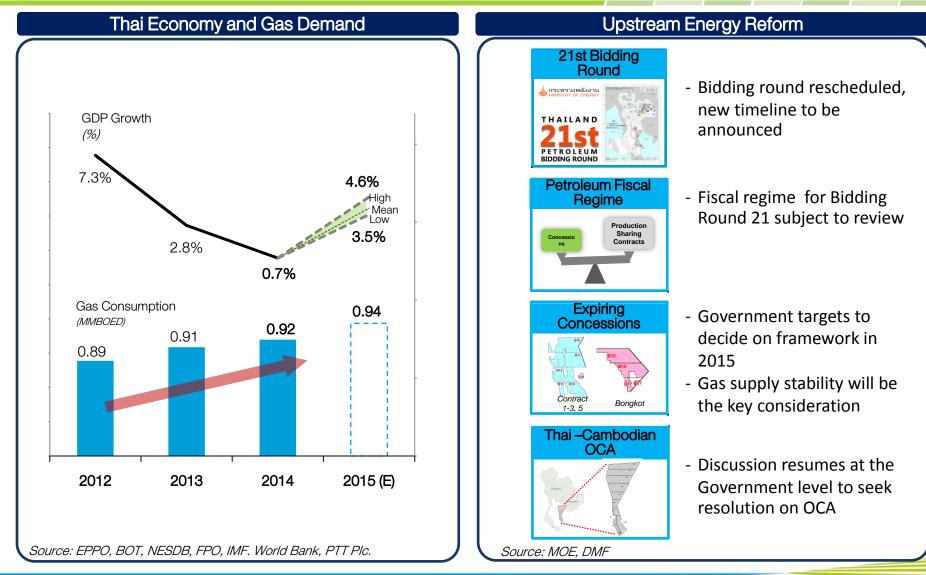




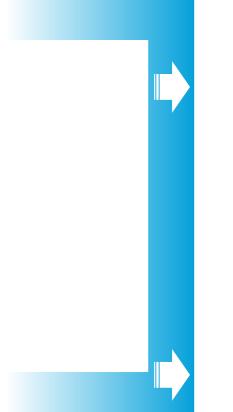


Gas demand continues to grow; progress is being made with the reform agenda









2014 Highlights

- SD
- Industry
- Key accomplishment
- Financial performance

Outlook

Delivered growth from robust operations and strategic fine-tuning

 \checkmark

 \checkmark





Strong production base from high-margin assets : 10% Growth

- Maintain domestic production to support energy demand
- Successfully commenced gas production from Zawtika
- Ramp-up production from Montara to full potential

Gaining clarity on resource potential through continued exploration

- Continued appraisal program in Zawtika, Myanmar M3 and Algeria HBR
- Kick-off Myanmar PSC-G & EP-2 exploration program
- Additional exploration discovery in Mozambique Area 1

Active portfolio management for short-term and long-term growth

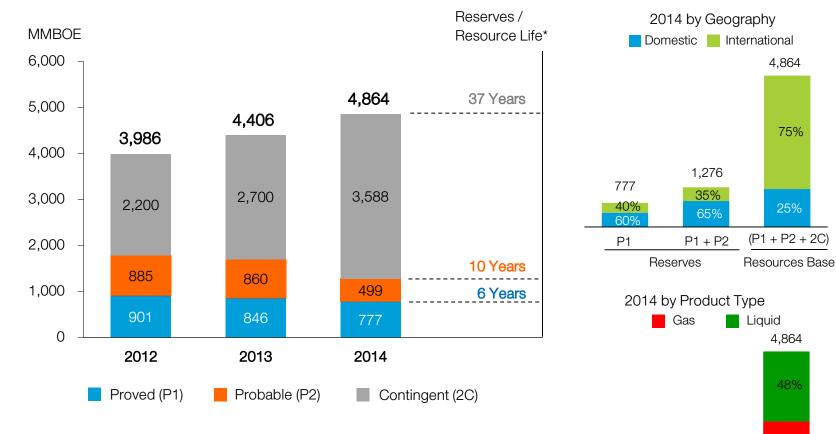
- Strengthen domestic base through Hess Thailand acquisition
- Restructured oil sands business through KKD asset swap
- Expanding exploration horizon into Brazil high-potential areas

Financially well-positioned against the oil price headwind

Recorded >4 bn USD operating cash flow from higher sales volume Strategic funding of 1.6 bn USD to strengthen capital structure Balance dividend payment and cash flow with 4.50 THB/share dividend

Target resource turnaround in the near future





5-Year Average Proved Reserves Replacement Ratio (RRR)

2012	2013	2014
0.91x	0.82x	0.45x

* Based on total production of natural gas, crude oil (including bitumen) and condensate of 359 KBOED for the year ended December 31, 2014

Passion to Explore for a Sustainable Future

52%

(P1 + P2 + 2C)

Resources Base

1,276

24%

76% P1 + P2

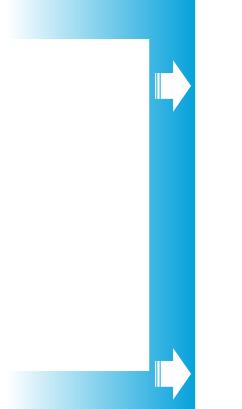
Reserves

777

P1

24% 76%





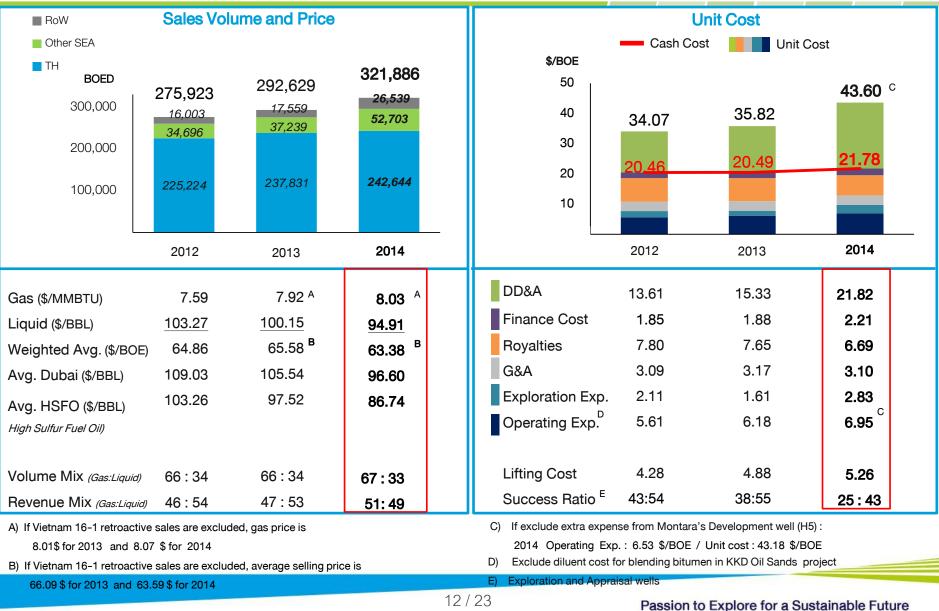
2014 Highlights

- SD
- Industry
- Key achievement
- / Financial performance

Outlook

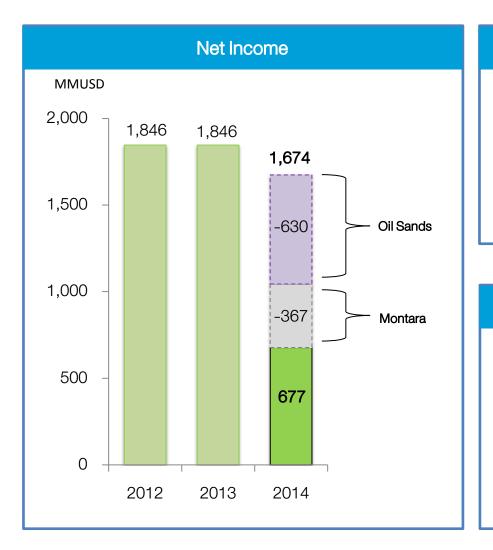
Gas-weighted portfolio and healthy cash margin to weather low oil prices





2014 Net Income lowered by write -down of asset values





Factors affecting Impairment (per international accounting standard, IAS36)

- Product Price
- Development schedule
- Production Profile
- Cost Profile and etc.

Key Reasons for 2014 Impairment

Montara:

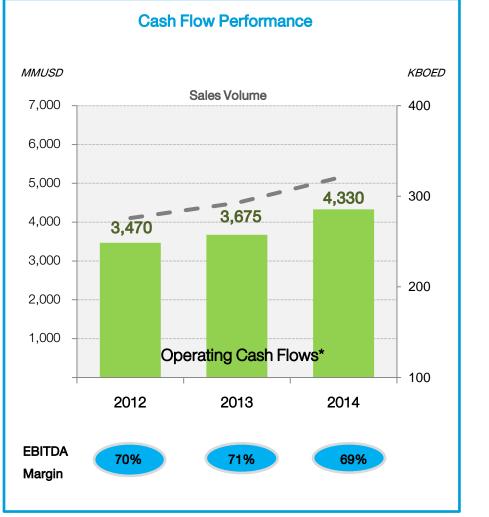
 Immediate exposure to the low oil price outlook

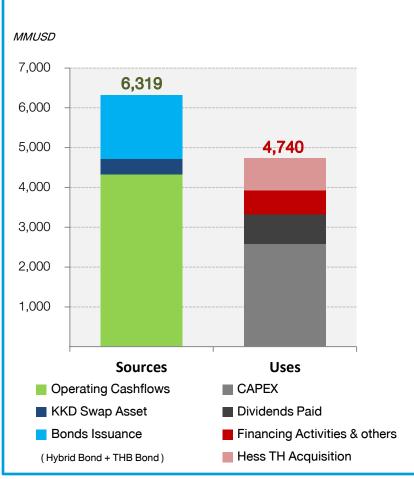
Mariana oil sand:

 Significant revision on timing and phasing of the development

Robust liquidity to fund CAPEX and debt service







Source & Use of Funds in 2014

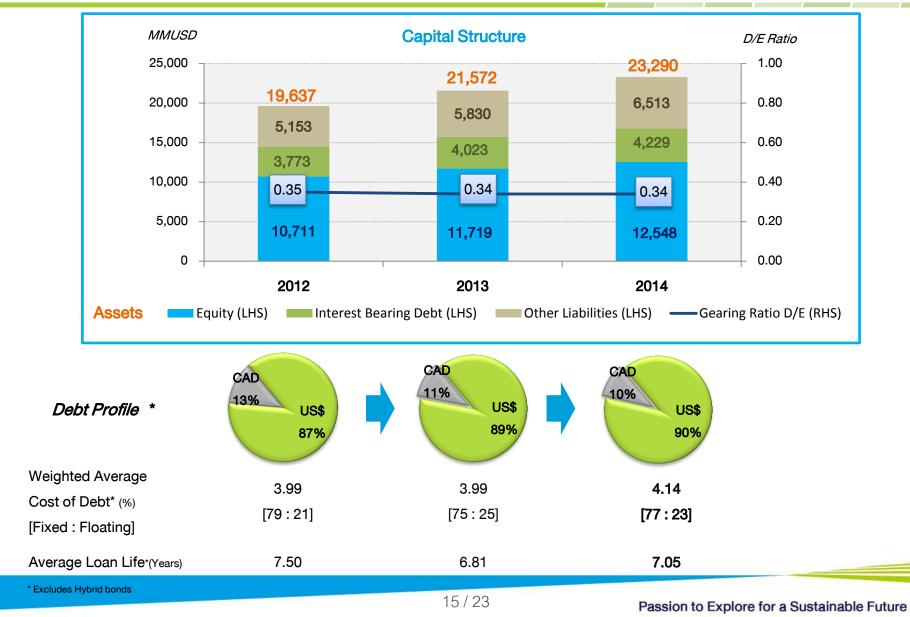
* Net of adjustment for the effect of exchange rate changes on cash and cash equivalents. Operating cash flows before exchange rate effect adjustment is: 2012 = 3,455 MMUSD ; 2013 = 3,740 MMUSD ; 2014 = 4,320 MMUSD

** Operating cashflow included in Source of fund in 2014 is shown net of adjustment for the effect of exchange rate changes on cash and cash equivalents 4,320 MMUSD

Financial Position



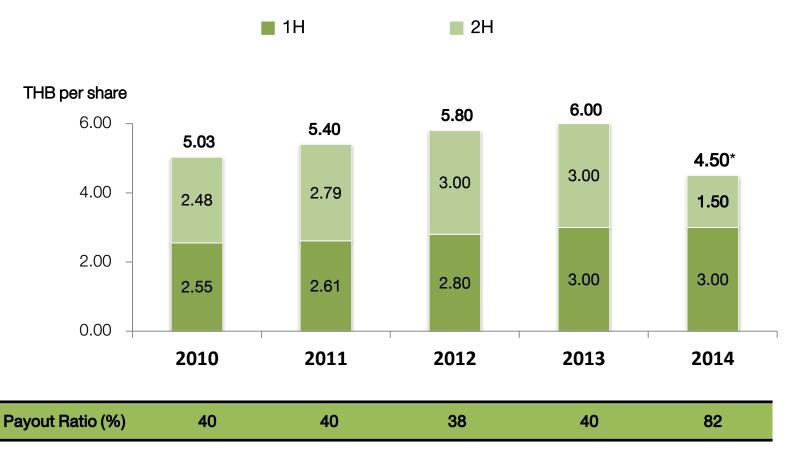
Strong balance sheet with low gearing



Dividends



Dividend Payment History (Policy : No Less Than 30% of Net Income)



* Subject to the 2015 Annual General Shareholders' Meeting approval

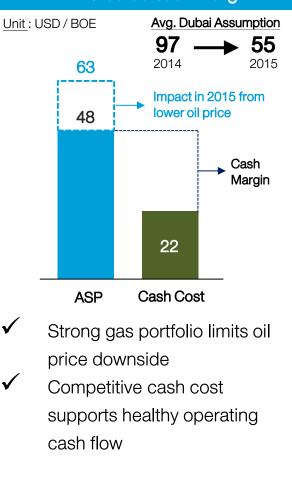
Strong cash margin from resilient gas price coupled with competitive cash cost



% Change in 2015 Dubai Price -50% -25% 0% % Change in 2015 Product Prices Gas price -25% Average **Selling Price** Liquid price -50%

Resilient gas price

Protected cash margin



Reference point (0%) at \$80/bbl Dubai



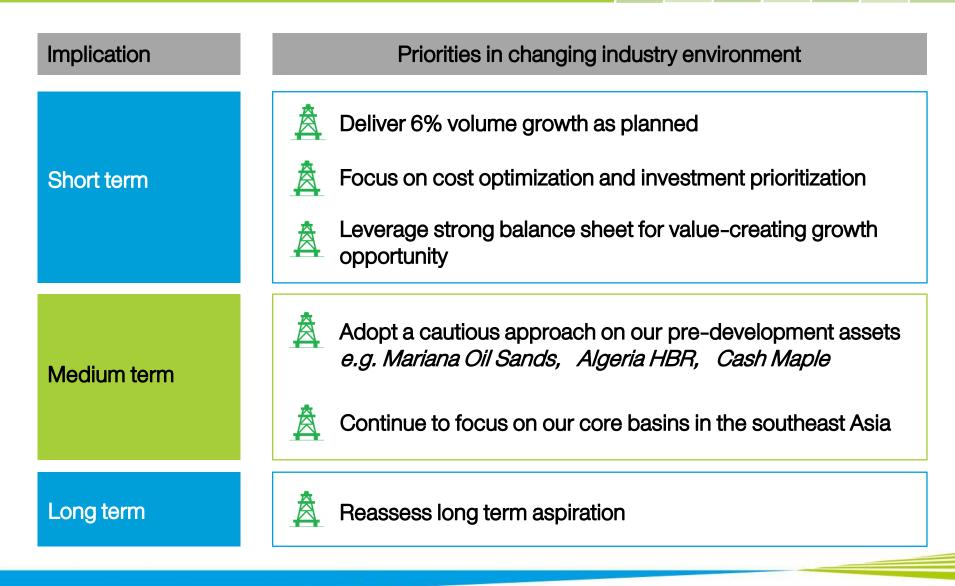


2014 Highlights

- Industry
- Key accomplishment
- **Financial performance**

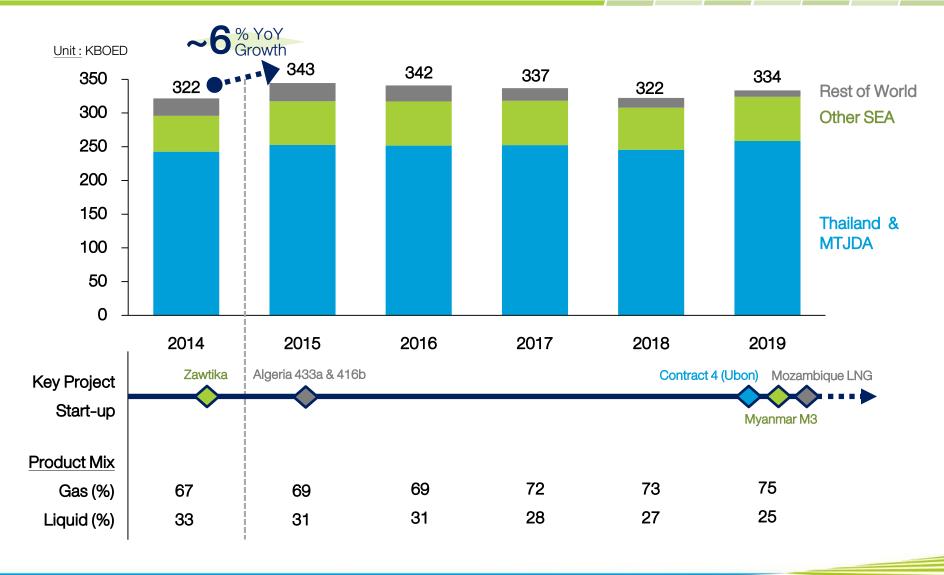






Stable volume from high value contributors in Thailand and Other SEA

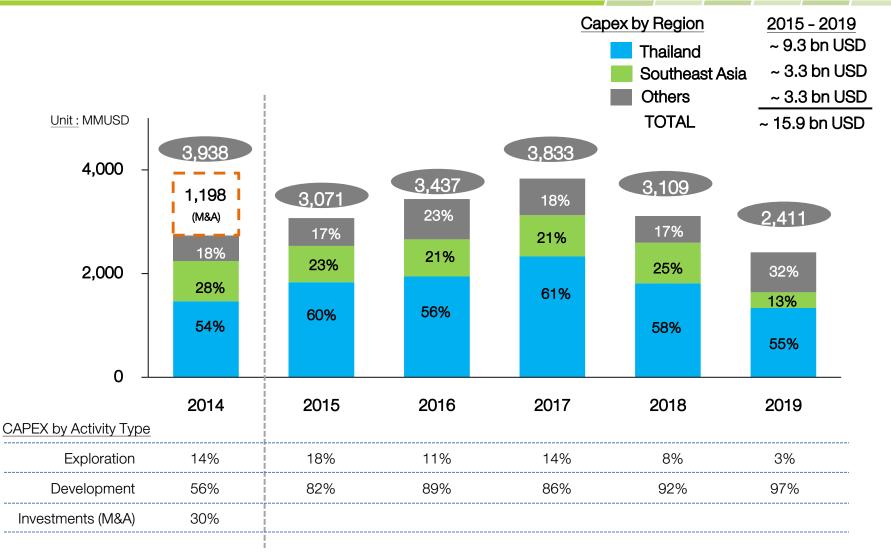




5-Year CAPEX Plan

~80% allocated to core operations in Southeast Asia





Four levers to manage our capital efficiency









Fundamental change in E&P industry

- U.S. shale output re-shaping balance and dynamics of the oil market
- Expect market forces to rebalance but the path to price recovery is still uncertain
- The uncertainty also presents opportunities for industry's cost adjustment



Well prepared to weather downturn in oil price

- Cushion from gas-weighted volumes secured through long-term contracts
- Maintain competitive cash cost profile ensures positive operating cash flow
 Stringent financial discipline to ensure strong capital structure with low gearing and high liquidity



Our priorities for 2015

- Target 6% sales volume growth
- Focus on further cost optimization

Prioritize investment in our exploration and pre-development portfolio

Leverage strong balance sheet for value-creating M&A opportunity





For more information, please visit our website at

http://www.pttep.com

OR Contact us via email address at

IR@pttep.com

OR

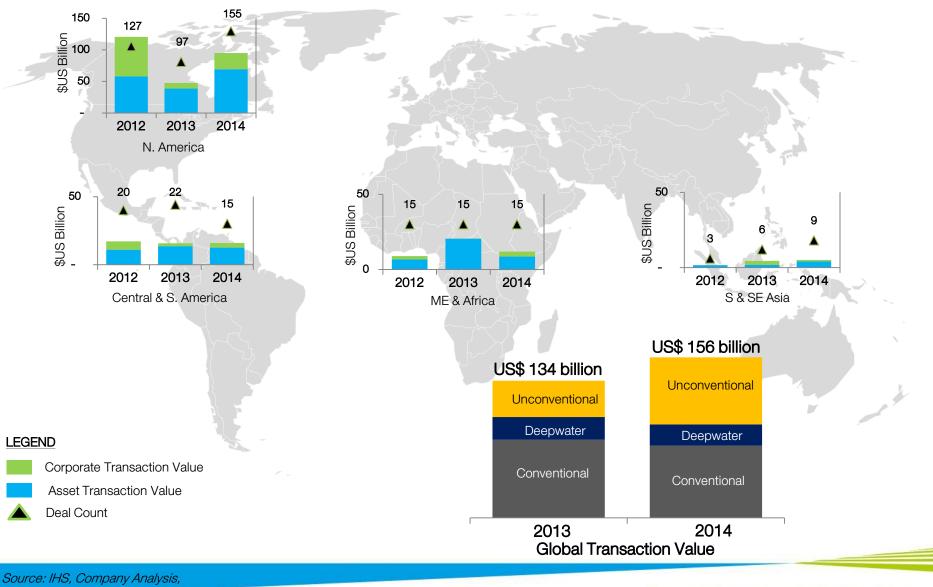
Call us at +66 2 537 4000



2014 M&A Recap

Activity focused in North American unconventional E&P assets



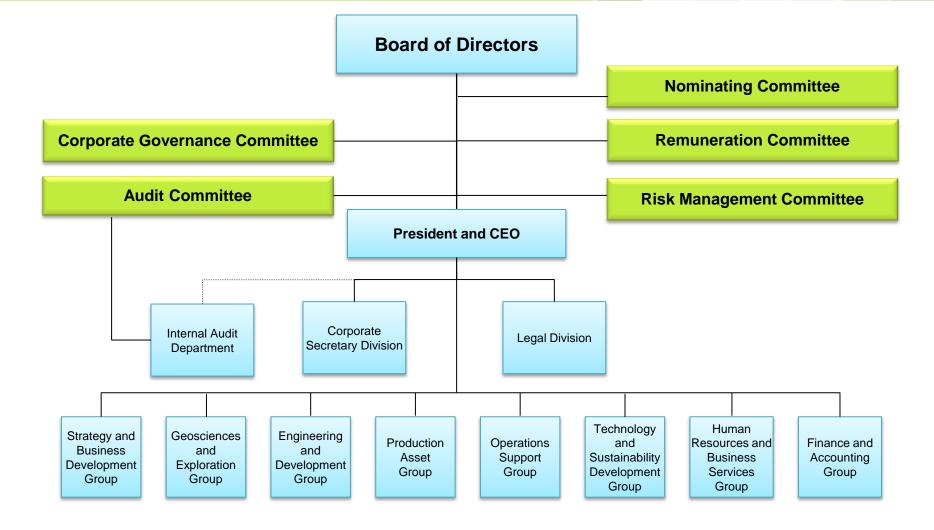


Note: Dataset filtered for dealsize over \$100 Million.

Supplement 1 / 4

Ensuring Transparency, Integrity, and Good Corporate Governance practices





Project Information 1/4



Production Phase: Thailand and JDA

	Project	PTTEP's	Partr	ners	2014 Average Sales Volume *		2015 Key Activities	
		Share	(as of 2	2014)	Gas	Oil and Other		
Pro	duction Phas	<u>se</u>						
Tha	ailand and JD	A						
1	Arthit	80%	Chevron MOECO	16% 4%	218 MMSCFD	Condensate: 9.4 k BPD	•	Ensure gas deliverability level at DCQ** Drill Exploration / Appraisal wells/ Development wells Install wellhead platforms
2	B6/27	60%	JX NOEX	40%	N/A	N/A	•	Evaluate further potential of reservoir
3	B8/32 & 9A	25%	Chevron MOECO KrisEnergy PSTL	51.66% 16.71% 4.63% 2%	93 MMSCFD	Crude: 28 k BPD	•	Drill development wells
4	Bongkot	44.4445%	TOTAL British Gas	33.3333% 22.2222%	860 MMSCFD	Condensate: 28.8 k BPD	•	Ensure gas deliverability level at DCQ** Drill Exploration / Appraisal / Development wells Install wellhead platforms
5	Contract 3 (Formerly Unocal III)	5%	Chevron MOECO	71.25% 23.75%	606 MMSCFD	Crude: 21 k BPD Condensate: 16.9 k BPD	•	Drill Exploration / Appraisal / Development wells Install wellhead platforms
6	Contract 4 (Formerly Pailin)	60%	Chevron MOECO	35% 5%	374 MMSCFD	Condensate: 17.4 k BPD	•	Ensure gas deliverability level at DCQ** Drill Exploration / Appraisal / Development wells Install wellhead platforms Review development plan of Ubon field
7	E5	20%	ExxonMobil	80%	12 MMSCFD	-		· ·
8	G4/43	21.375%	Chevron MOECO PSTL	51% 21.25% 6.375%	3.5 MMSCFD	Crude: 6.5 k BPD	•	Drill Exploration / Development wells Install wellhead platform
9	G4/48	5%	Chevron MOECO	71.25% 23.75%	9.4 MMSCFD	Crude: 1.7 k BPD		
10	L53/43 & L54/43	100%			-	Crude: 123 BPD	•	Drill Exploration Wells
11	PTTEP1	100%			-	Crude: 267 BPD	:	Drill Appraisal / Development wells Perform waterflood activities
12	S1	100%			27 MMSCFD	Crude: 27.8 k BPD	•	Maintain production level above 29 k BPD Continue Exploration appraisal and development activities
13	Sinphuhorm	55%	Apico ExxonMobil	35% 10%	105 MMSCFD	Condensate: 415 BPD	•	Drill development wells
14	MTJDA	50%	Petronas- Carigali	50%	332 MMSCFD	Condensate: 8.3 k BPD	•	Drill Exploration / Appraisal / Development wells Install wellhead platforms

* Sales volume stated at 100% basis.

** DCQ = Daily Contractual Quantity

Supplement 3.1 / 4

Project Information 2/4



Production Phase: Overseas

	Project PTTEP's Partners		2014 Average Sales Volume *		2015 Key Activities		
		Share	(as of 20	14)	Gas	Oil and Other	
Pro	duction Phase						
<u> </u>	erseas						
15	Oman 44	100%			27 MMSCFD	Condensate: 2.2 k BPD	 Drill Exploration / Appraisal / Development wells Maintain production rate
16	Vietnam 9-2	25%	PetroVietnam SOCO	50% 25%	15 MMSCFD	Crude: 5.8 k BPD	 Drill development wells Explore new reservoirs
17	Yadana	25.5%	TOTAL Chevron MOGE	31.24% 28.26% 15%	767 MMSCFD	-	Drill Exploration / Appraisal wells
18	Yetagun	19.3178%	Carigali MOGE Nippon Oil	30.00140% 20.4541% 19.3178% 10.90878%	343 MMSCFD	Condensate: 7.9 k BPD	 Reservoir Management Well Intervention
19	Vietnam 16-1	28.5%	PetroVietnam SOCO OPECO	41% 28.5% 2%	38 MMSCFD	Crude: 34.3 K BPD	 Drill development wells Complete H5 development project
20	PTTEP Australasia (PTTEP AA)	20%-100% (varied by permits)			-	Crude: 18.6 k BPD	 Drill an exploration well Assess resource potential of exploration permits
21	Natuna Sea A	11.5%	Premier Oil KUFPEC Petronas Pertamina	28.67% 33.33% 15% 11.5%	219 MMSCFD	Crude: 1.5 k BPD	 Drill Exploration / Appraisal / Development wells Maximize gas exports
22	Zawtika (M9 & a part of M11)	80%	Myanma Oil and Gas Enterprise (MOGE)	20%	147 MMSCFD	-	 Maintain production rate Drill Exploration / Appraisal wells Install wellhead platforms

Project Information 3/4



Development & Exploration Phase

	Project	PTTEP's	Partners	2015 Key Activities
		Share	(as of 2014)	
<u>Dev</u>	velopment Phase :			
<u>Tha</u>	ailand and JDA			
23	L22/43	100%		Drill Exploration / Appraisal / Development wells
Ove	erseas			
24	Algeria 433a & 416b (Bir Seba)	35%	PetroVietnam 40% Sonatrach 25%	o o , (,)

	Project	PTTEP's Share	Partners (as of 2014)	2015 Key Activities
Ex	oloration Phase	onaro		
Th	ailand and JDA			
25	A4, 5/48	100%		G&G Studies
26	G9/43	100%		Acquire 3D seismic Drill Exploration / Appraisal wells
27	L28/48	70%	Resourceful Petroleum 30% (Thailand)	
<u>Ov</u>	erseas			
28	Myanmar M3	80%	MOECO 20%	Drill 5 appraisal wells & 1 exploration well Pre development Study
29	Mozambique Rovuma Offshore Area 1	8.5%	Anadarko, Mitsui, 26.5%,20% ENH, Bharat Petroleum, 15%,10%. BREML, OVL 10%,10%	Prepare for Final Investment Decision (FID)
30	Algeria Hassi Bir Rekaiz	24.5%	CNOOC 24.5% Sonatrach 51%	
31	Indonesia Semai II	28.33%	Murphy28.33%INPEX28.33%PT Pertamina Hulu Energi15%Semai II15%	

Project Information 4/4



Exploration Phase

	Project	PTTEP's Share	Partners (as of 2014)	2015 Key Activities				
Exploration Phase (con't)								
<u>Ov</u>	erseas (con't)							
32	Indonesia South Mandar*	34%	Talisman33%TOTAL33%	G&G studies				
33	Indonesia Malunda	100%		G&G studies				
34	Myanmar M11	52.9412 %	TOTAL 47.0588%					
35	Vietnam B & 48/95	8.5%	Chevron 42.38% MOECO 25.62% PVEP 23.5%	Negotiate a GSA with the Vietnamese government				
36	Vietnam 52/97	7%	Chevron 43.4% PVEP 30% MOECO 19.6%	Negotiate a GSA with the Vietnamese government				
37	Myanmar PSC-G and EP-2	90%	WinPreciousResources 10%	• Drill 4 exploration wells (2 wells in PSC G & 2 wells in EP 2)				
38	Mozambique Rovuma Onshore	10%	Anadarko, Maurel&Prom,35.7%,27.7%ENH, Wentworth Resources15%,11.6%	Drill an exploration well				
39	Kenya L10A	31.25%	BG, Pan Cont. 50%,18.75%	Conduct G&G studies				
40	Kenya L5, L7, L11, L11B, L12	10%	Anadarko, Total 50%,40%	 Conduct G&G Studies Drill an Exploration well 				
41	Myanmar MD 7 and MD 8	100%		Acquire 3D seismic				
42	Mariana Oil Sands	100%		 FEED for the first production phase of the Thornbury field Conduct Winter Delineation Program 				
43	Barreirinhas AP1	25%	BG Brasil 75%	Acquire 3D seismic				
44	MOGE 3	85%	Palang Sophon Offshore10%WinPreciousResources5%	Acquire 2D & 3D seismic				
45	Brazil BM-ES-23	20%	Petrobras65%INPEX15%	Drill 2 exploration wells				

* Waiting for the official approval from Indonesian government to change the participation interest resulting from Talisman's withdrawal from the project.



Ratio	Formula
Lifting Cost (\$/BOE)	(Operating Exp. – Transportation Cost – Stock Variation – Other expense not related to lifting) / Production Volume
Cash Cost (\$/BOE)	(Operating Exp. + Exploration Exp. + SG&A + Royalty & SRB + Interest Expense) / Sales Volume
Unit Cost (\$/BOE)	(Operating Exp. + Exploration Expense + SG&A + Royalty + DD&A) / Sales Volume
Reserves Replacement Ratio	5-Yr Additional Proved Reserves / 5-Yr Production Volume
Reserves Life Index (Year)	Proved Reserves / Production Volume
Success Ratio	Number of wells with petroleum discovery / Total number of exploration and appraisal wells
EBITDA	(Sales + Revenue from pipeline transportation) - (Operating expenses + Exploration expenses + Administrative expenses + Petroleum royalties and remuneration + Management's remuneration)
EBITDA Margin	EBITDA / Sales Revenue
Total Interest Bearing Debt	Short-term loans from financial institution + Current portion of long-term debts + Bonds + Long-term loans from financial institution
Total Debt to Equity Ratio	Total interest bearing debt/ Shareholders' equity
Total Debt to EBITDA Ratio	Total interest bearing debt / Trailing-12-month EBITDA
Dividend Payout Ratio	Dividend Payment / Net Profit