

PTT Exploration and Production **Public Company Limited**

Bloomberg PTTFP TR Reuters PTTEP.BK



1Q24: Solid profit, in line

1Q24 net profit was Bt18.7bn (-3.1 YoY, +2.2 QoQ), in line with INVX and market estimates on lower negative impact from extra items and lower than expected operating cost. Recurring profit was Bt19.4bn, down 10% QoQ on lower ASP and sales volume and higher unit cost. We expect profit to improve in 2Q24, driven by higher oil price and a new high for sales volume on the full production at Block G1/61 (Erawan). We revise up our 2024F by 10% to reflect our changed oil price assumption of Brent at US\$85/bbl from US\$80/bbl. We maintain Outperform with DCF-based TP of Bt204 (end-2024F), pegged to LT Brent oil price of US\$70/bbl from 2026F onwards. Key to watch is the impact of ongoing geopolitical risks that could disrupt oil supply.

Sales volume edged down QoQ on lower crude oil sales. Sales volume slid 0.3% QoQ but increased 2.7% YoY to 473kBOED (thousand barrels of oil equivalent) due to lower crude oil sales (-5% QoQ) from projects in Algeria and Malysia, which in turn cut the proportion of liquid products in 1Q24 to 27% vs. 28% in 4Q23. Gas sales volume rose 1.5% QoQ backed by G1/61 (Erawan), whose full production at 800mmcfd was achieved ahead of schedule.

ASP down QoQ on higher proportion of gas product. ASP in 1Q24 fell 5.5% YoY and 2.4% QoQ to US\$47.1/BOE on a higher proportion of gas sales volume, although gas price edged up 1% QoQ to US\$5.9/mmbtu. Unit cost was steady QoQ but was up 11% YoY to US\$28.9/BOE off a 1Q23 one-time adjustment of depreciation from overbooked decommissioning cost. Higher operating and exploration expenses QoQ were offset by lower general and administrative expenses, enabling it to keep EBITDA margin stable at 74%, within its target range of 70-75%.

Profit expected to rise in 2Q24. We expect profit to rise in 2Q24, underwritten by higher sales volume and ASP. Management guided to a 9% QoQ rise in 2Q24 sales volume to a new high of 514kBOED from more oil loading at operating projects in Malaysia and Algeria as well as a full-quarter production of Block G1/61 at 800mmcfd. Management reaffirmed that production at projects in Myanmar is uninterrupted despite the unrest in the country. Gas selling price is expected to stay at US\$5.9/mmbtu despite higher volume from projects under PSCs (G1/61 and G2/61). The current high oil price should also drive selling price for liquid products (crude and condensate). We raise our 2024F by 10% to reflect our higher Brent price assumption of US\$85/bbl (vs. US\$80 previously).

TP of Bt204 based on DCF (end-2024) and L/T Brent of US\$70/bbl from 2026F vs. five-year average of US\$72. Note that our volume assumption is 3% below guidance to provide a margin of safety. At our TP, it trades at 1.5x 2024F PBV or +1SD of 5-year average, reflecting a better oil market.

Risk factors: 1) Volatile crude oil price, 2) higher unit cost, 3) asset impairment and 4) regulatory change on GHG emissions. Key ESG risk factors are the environmental impact of its business and adapting to transition to clean energy.

Forecasts and valuation

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Year to 31 Dec	Unit	2022	2023	2024F	2025F	2026F
Revenue	(Btmn)	331,350	300,694	324,483	324,772	304,087
EBITDA	(Btmn)	253,734	232,446	240,137	237,746	216,111
Core profit	(Btmn)	90,721	78,656	82,684	88,942	76,747
Reported profit	(Btmn)	70,901	76,706	82,684	88,942	76,747
Core EPS	(Bt)	22.85	19.81	20.83	22.40	19.33
DPS	(Bt)	9.25	9.50	9.50	10.00	10.00
P/E, core	(x)	6.9	7.9	7.5	7.0	8.1
EPS growth, core	(%)	111.5	(13.3)	5.1	7.6	(13.7)
P/BV, core	(x)	1.3	1.2	1.1	1.1	1.0
ROE	(%)	20.6	16.3	15.8	15.6	12.5
Dividend yield	(%)	5.9	6.1	6.1	6.4	6.4
EV/EBITDA	(x)	2.4	2.5	2.6	2.9	3.4

Source: InnovestX Research

Tactical: OUTPERFORM

(3-month) Stock data

Last close (Apr 25) (Bt)	157.00
Target price (Bt)	204.00
Mkt cap (Btbn)	623.29
Mkt cap (US\$mn)	16,846
Beta	Н
Mkt cap (%) SET	3.70
Sector % SET	20.57
Shares issued (mn)	3,970
Par value (Bt)	1.00
12-m high / low (Bt)	175 / 137.5
Avg. daily 6m (US\$mn)	37.17
Foreign limit / actual (%)	40 / 14
Free float (%)	34.7
Dividend policy (%)	≥ 30
Share performance	

Share performance							
(%)	1M	3M	12M				
Absolute	4.0	5.4	4.0				
Relative to SET	5.0	5.7	17.7				

Source: SET, InnovestX Research

2023 Sustainability / 2022 ESG Score

SEI	ESG Ratings	AAA

ESG Bloomberg Rank in the sector	
ESG Score Rank	1/67
Environmental Score Rank	3/67
Social Score Rank	2/67
Governance Score Rank	2/67

ESG comment

PTTEP had the sector's best ESG score in 2022, with an outperforming social and governance score. The environmental score is also above average and much better than peers in the sector in 2022.

Source: Bloomberg Finance L.P.

Analyst

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Our view on ESG

We view that PTTEP provides concrete targets on environmental and social issues with a committed timeline and actual performance relative to its targets. We view PTTEP's management and governance as satisfactory, reflecting management expertise and experience in the business, a diverse Board of Directors and transparency with stakeholders.

ESG Disclosure Score

Bloomberg ESG Score	79.99 (2022)		CG Rating	g DJSI	SETESG	SET ESG Rating
Rank in Sector	1/67	PTTEP	5	Yes	Yes	AAA
		Source, Thai Ir	estitute of Directors ((IOD) SET		

Environmental Issue (E)

- PTTEP aims at reducing GHG intensity by 30% by 2030 from the base year in 2020. This will be reduced further to 50% by 2040 and to net zero by 2050. PTTEP was able to reduce GHG by 358.187k tons of CO₂ equivalent.
- utilization and storage (CCUS) as one of its strategies on greenhouse gas management. The company has selected Arthit Project as a pilot project for CCS implementation. With the success of this project in the future, CO₂ emissions will be reduced by more than 500k tons/year.
- PTTEP has continued to develop technologies for minimizing environmental impacts in both existing and new production areas. These include the conservation and restoration of natural resources and marine ecosystems project under "Ocean for Life Strategy" and the technology for supporting energy transition.

Social Issue (S)

- PTTEP is committed to minimize impact of its operation to the communities. These include its commitment of zero waste to landfill and circular model of E&P operation by reusing at least 50% of main structures.
- PTTEP has conducted feasibility studies on carbon capture The Ocean for Life Strategy is aiming at achieving net positive impact of ocean biodiversity and ecosystem while Increase 50% of community income for focused communities and achieve 16,000 conservation networks by 2030.
 - PTTEP emphasizes and commits to continuously improving SSHE (Safety, Security, Health, and Environment) implementation, so as to achieve its ultimate goal of being a "Zero Incident Organization" where employees and contractors can come to work and return home safely every day.

Governance Issue (G)

- PTTEP's board of directors consists of 15 directors, 14 nonexecutive directors (93.33% of the entire board), 9 independent directors, which exceeds half of the board (60% of the entire Board), and an executive director. These include two female members (13.33% of the entire
- PTTEP was rated "5 star" (Excellent) by the Thai Institute of Directors for 2023.
- We view PTTEP's management and governance as satisfactory, reflecting management's expertise and experience in the oil and gas sector, its transparency with stakeholders, and its independent board of directors.

	2021	2022
ESG Disclosure Score	80.95	79.99
Environment	75.05	74.75
Emissions Reduction Initiatives	Yes	Yes
Climate Change Policy	Yes	Yes
GHG Scope 1	5,147.77	5,361.17
Biodiversity Policy	Yes	Yes
Energy Efficiency Policy	Yes	Yes
Total Energy Consumption	9 218 16	10 091 00

Social	71.61	69.04
Human Rights Policy	Yes	Yes
Equal Opportunity Policy	Yes	Yes
Health and Safety Policy	Yes	Yes
Fatalities - Employees	0.00	0.00
Total Recordable Incident Rate - Employees	0.04	0.10
Employee Turnover Pct	4.50	5.00

Governance	96.12	96.12
Size of the Board	15	14
Number of Board Meetings for the Year	19	18
Board Meeting Attendance Pct	96	95
Number of Female Executives	8	8
Number of Independent Directors	10	10
Board Duration (Years)	3	3

ESG Disclosure Score

Bloomberg ESG Disclosure Scores rate companies on their level of disclosure of ESG data. Bloomberg offers four disclosure scores, for overall ESG, as well as Environmental, Social, and Governance. To review the fully transparent methodology, calculate disclosure scores for any company, and compare a company's scores vs its peers, see ESG Disclosure Score Model in Bloomberg.

2 Fri. Apr 26, 2024



Financial statement

Profit	and	Loss	Statement
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FY December 31	Unit	2019	2020	2021	2022	2023	2024F	2025F	2026F
Total revenue	(Btmn)	191,053	160,401	219,068	331,350	300,694	324,483	324,772	304,087
Cost of goods sold	(Btmn)	106,881	106,143	122,122	148,949	142,926	151,505	152,323	151,238
Gross profit	(Btmn)	84,172	54,258	96,946	182,401	157,768	172,978	172,449	152,849
SG&A	(Btmn)	11,870	9,754	11,416	20,386	16,979	17,583	17,598	16,478
Other income	(Btmn)	4,405	2,306	4,869	8,552	10,336	1,444	1,017	574
Interest expense	(Btmn)	7,291	7,956	6,472	8,218	10,243	8,054	9,258	10,743
Pre-tax profit	(Btmn)	69,415	38,217	83,927	162,348	140,881	148,785	146,609	126,203
Corporate tax	(Btmn)	20,952	18,764	41,528	72,295	63,704	67,651	59,295	51,165
Equity a/c profits	(Btmn)	380	1,307	489	668	1,477	1,550	1,628	1,709
Minority interests	(Btmn)	0	0	0	0	2	0	0	0
Core profit	(Btmn)	48,844	20,760	42,888	90,721	78,656	82,684	88,942	76,747
Extra-ordinary items	(Btmn)	(42)	1,904	(4,024)	(19,820)	(1,949)	0	0	0
Net Profit	(Btmn)	48,803	22,664	38,864	70,901	76,706	82,684	88,942	76,747
EBITDA	(Btmn)	139,517	111,422	160,693	253,734	232,446	240,137	237,746	216,111
Core EPS	(Bt)	12.30	5.23	10.80	22.85	19.81	20.83	22.40	19.33
Net EPS	(Bt)	12.29	5.71	9.79	17.86	19.32	20.83	22.40	19.33
DPS	(Bt)	6.00	4.25	5.00	9.25	9.50	9.50	10.00	10.00

Balance Sheet

Balance Sneet									
FY December 31	Unit	2019	2020	2021	2022	2023	2024F	2025F	2026F
Total current assets	(Btmn)	142,125	152,716	139,584	196,842	234,800	170,935	127,379	83,787
Total fixed assets	(Btmn)	529,866	522,921	643,952	673,022	668,021	739,181	840,720	937,901
Total assets	(Btmn)	671,990	675,637	783,536	869,864	902,821	910,116	968,098	1,021,688
Total loans	(Btmn)	99,448	102,878	102,661	97,095	95,320	105,320	125,320	142,297
Total current liabilities	(Btmn)	61,841	56,257	104,502	114,616	88,590	87,132	95,197	107,122
Total long-term liabilities	(Btmn)	253,090	264,969	263,684	288,128	314,788	278,571	279,246	283,864
Total liabilities	(Btmn)	314,932	321,226	368,186	402,744	403,378	365,703	374,443	390,986
Paid-up capital	(Btmn)	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970
Total equity	(Btmn)	357,059	354,411	415,350	467,121	499,327	544,296	593,538	630,586
BVPS	(Bt)	89.94	89.27	104.62	117.66	125.78	137.10	149.51	158.84

Cash Flow Statement

FY December 31	Unit	2019	2020	2021	2022	2023	2024F	2025F	2026F
Core Profit	(Btmn)	48,844	20,760	42,888	90,721	78,656	82,684	88,942	76,747
Depreciation and amortization	(Btmn)	62,811	65,250	70,294	83,168	81,322	83,298	81,879	79,165
Operating cash flow	(Btmn)	102,878	86,120	119,485	166,150	149,081	139,501	158,776	170,055
Investing cash flow	(Btmn)	(103,769)	(33,515)	(123,016)	(59,286)	(82,447)	(154,458)	(183,417)	(176,347)
Financing cash flow	(Btmn)	(17,181)	(26,469)	(22,199)	(70,068)	(51,416)	(27,715)	(19,700)	(22,723)
Net cash flow	(Btmn)	(18.072)	26.136	(25.730)	36.796	15.218	(42.672)	(44,341)	(29.015)

Key Financial Ratios

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FY December 31	Unit	2019	2020	2021	2022	2023	2024F	2025F	2026F
Gross margin	(%)	44.1	33.8	44.3	55.0	52.5	53.3	53.1	50.3
Operating margin	(%)	37.8	27.7	39.0	48.9	46.8	47.9	47.7	44.8
EBITDA margin	(%)	73.0	69.5	73.4	76.6	77.3	74.0	73.2	71.1
EBIT margin	(%)	40.1	28.8	41.3	51.5	50.3	48.3	48.0	45.0
Net profit margin	(%)	25.5	14.1	17.7	21.4	25.5	25.5	27.4	25.2
ROE	(%)	13.1	5.8	11.1	20.6	16.3	15.8	15.6	12.5
ROA	(%)	7.5	3.1	5.9	11.0	8.9	9.1	9.5	7.7
Net D/E	(x)	0.0	(0.0)	0.0	(0.1)	(0.1)	0.0	0.1	0.2
Interest coverage	(x)	19.1	14.0	24.8	30.9	22.7	29.8	25.7	20.1
Debt service coverage	(x)	19.1	14.0	24.8	30.9	22.7	29.8	13.8	6.4
Payout Ratio	(%)	48.8	74.4	51.1	51.8	49.2	45.6	44.6	51.7

Main Assumptions

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FY December 31	Unit	2019	2020	2021	2022	2023	2024F	2025F	2026F
Sales volume	(kBOED)	351	354	416	468	462	490	507	516
- Liquid product	(% of total)	29.1	33.3	28.7	27.5	28.3	28.0	28.0	28.0
- Gas product	(% of total)	70.9	66.7	71.3	72.5	71.7	72.0	72.0	72.0
Dubai crude oil price	(US\$/bbl)	63.2	42.2	68.9	97.1	81.9	83.0	78.0	68.0
Avg selling price	(US\$/BOE)	47.2	38.9	43.5	53.4	48.2	50.4	48.7	44.8
CAPEX	(US\$mn)	1,062	1,093	1,508	2,780	2,718	4,316	5,130	4,929



Financial statement

Profit	and	l nee	State	ement

FY December 31	Unit	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24
Total revenue	(Btmn)	83,088	88,503	91,611	75,493	67,479	78,206	79,516	75,737
Cost of goods sold	(Btmn)	36,168	41,626	41,934	33,963	31,236	38,301	39,426	38,285
Gross profit	(Btmn)	46,920	46,877	49,676	41,530	36,243	39,905	40,090	37,452
SG&A	(Btmn)	3,865	2,919	10,541	3,410	3,646	3,979	5,944	3,758
Other income	(Btmn)	1,549	1,222	5,038	2,312	2,720	2,404	2,900	3,075
Interest expense	(Btmn)	2,194	2,270	2,037	2,617	2,606	2,653	2,367	3,026
Pre-tax profit	(Btmn)	42,410	42,911	42,136	37,815	32,711	35,676	34,679	33,743
Corporate tax	(Btmn)	21,042	17,006	17,811	18,199	13,283	17,035	15,186	14,922
Equity a/c profits	(Btmn)	445	(619)	492	419	331	320	407	362
Minority interests	(Btmn)	0	0	0	0	0	2	(0)	1
Core profit	(Btmn)	21,813	25,286	24,817	20,034	19,759	18,963	19,900	19,185
Extra-ordinary items	(Btmn)	(1,213)	(1,114)	(9,207)	(753)	1,277	(862)	(1,612)	(502)
Net Profit	(Btmn)	20,600	24,172	15,611	19,281	21,036	18,101	18,287	18,683
EBITDA	(Btmn)	64,047	68,153	67,839	57,015	54,627	60,462	60,342	58,999
Core EPS	(Bt)	5.49	6.37	6.25	5.05	4.98	4.78	5.01	4.83
Net EPS	(Bt)	5.19	6.09	3.93	4.86	5.30	4.56	4.61	4.71

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Balance Sheet									
FY December 31	Unit	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24
Total current assets	(Btmn)	166,048	201,415	196,842	209,370	180,580	200,729	234,800	273,493
Total fixed assets	(Btmn)	687,746	734,263	673,022	662,400	685,530	702,973	668,021	717,184
Total assets	(Btmn)	853,794	935,678	869,864	871,771	866,110	903,701	902,821	990,677
Total loans	(Btmn)	127,186	136,061	107,574	107,334	107,503	108,948	104,932	111,959
Total current liabilities	(Btmn)	89,902	102,683	114,616	99,123	64,968	80,402	88,590	105,126
Total long-term liabilities	(Btmn)	311,250	337,889	288,128	292,408	300,150	308,124	314,788	333,645
Total liabilities	(Btmn)	401,153	440,573	402,744	391,531	365,117	388,526	403,378	438,771
Paid-up capital	(Btmn)	3,970	3,970	3,970	3,970	3,970	3,970	3,970	3,970
Total equity	(Btmn)	452,641	495,105	467,121	480,240	500,993	515,175	499,327	551,691
BVPS	(Bt)	114.02	124.71	117.66	120.97	126.20	129.77	125.78	138.97

Cash Flow Statement

FY December 31	Unit	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24
Core Profit	(Btmn)	21,813	25,286	24,817	20,034	19,759	18,963	19,900	19,185
Depreciation and amortization	(Btmn)	19,443	22,973	23,666	16,584	19,310	22,133	23,295	22,230
Operating cash flow	(Btmn)	19,286	67,501	38,815	48,786	14,738	42,273	43,284	70,965
Investing cash flow	(Btmn)	(7,279)	(17,480)	(21,385)	(24,158)	(24,941)	(20,811)	(12,538)	(17,823)
Financing cash flow	(Btmn)	(24,362)	(18,829)	(25,355)	(2,319)	(25,363)	(19,533)	(4,202)	(2,731)
Net cash flow	(Btmn)	(12,355)	31,192	(7,926)	22,310	(35,565)	1,929	26,545	50,411

Key Financial Ratios

Unit	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24
(%)	56.5	53.0	54.2	55.0	53.7	51.0	50.4	49.5
(%)	51.8	49.7	42.7	50.5	48.3	45.9	42.9	44.5
(%)	77.1	77.0	74.1	75.5	81.0	77.3	75.9	77.9
(%)	54.4	52.0	49.1	54.4	53.3	49.7	47.2	49.2
(%)	24.8	27.3	17.0	25.5	31.2	23.1	23.0	24.7
(%)	20.2	21.3	20.6	16.9	16.1	14.9	15.7	14.6
(%)	10.5	11.3	11.0	9.2	9.1	8.6	8.8	8.1
(x)	0.1	0.0	(0.0)	(0.1)	(0.0)	(0.0)	(0.1)	(0.1)
(x)	29.2	30.0	33.3	21.8	21.0	22.8	25.5	19.5
(x)	15.6	14.4	14.6	10.6	10.9	12.2	12.6	9.6
	(%) (%) (%) (%) (%) (%) (%) (%) (x) (x)	(%) 56.5 (%) 51.8 (%) 77.1 (%) 54.4 (%) 24.8 (%) 20.2 (%) 10.5 (x) 0.1 (x) 29.2	(%) 56.5 53.0 (%) 51.8 49.7 (%) 77.1 77.0 (%) 54.4 52.0 (%) 24.8 27.3 (%) 20.2 21.3 (%) 10.5 11.3 (x) 0.1 0.0 (x) 29.2 30.0	(%) 56.5 53.0 54.2 (%) 51.8 49.7 42.7 (%) 77.1 77.0 74.1 (%) 54.4 52.0 49.1 (%) 24.8 27.3 17.0 (%) 20.2 21.3 20.6 (%) 10.5 11.3 11.0 (x) 0.1 0.0 (0.0) (x) 29.2 30.0 33.3	(%) 56.5 53.0 54.2 55.0 (%) 51.8 49.7 42.7 50.5 (%) 77.1 77.0 74.1 75.5 (%) 54.4 52.0 49.1 54.4 (%) 24.8 27.3 17.0 25.5 (%) 20.2 21.3 20.6 16.9 (%) 10.5 11.3 11.0 9.2 (x) 0.1 0.0 (0.0) (0.1) (x) 29.2 30.0 33.3 21.8	(%) 56.5 53.0 54.2 55.0 53.7 (%) 51.8 49.7 42.7 50.5 48.3 (%) 77.1 77.0 74.1 75.5 81.0 (%) 54.4 52.0 49.1 54.4 53.3 (%) 24.8 27.3 17.0 25.5 31.2 (%) 20.2 21.3 20.6 16.9 16.1 (%) 10.5 11.3 11.0 9.2 9.1 (x) 0.1 0.0 (0.0) (0.1) (0.0) (x) 29.2 30.0 33.3 21.8 21.0	(%) 56.5 53.0 54.2 55.0 53.7 51.0 (%) 51.8 49.7 42.7 50.5 48.3 45.9 (%) 77.1 77.0 74.1 75.5 81.0 77.3 (%) 54.4 52.0 49.1 54.4 53.3 49.7 (%) 24.8 27.3 17.0 25.5 31.2 23.1 (%) 20.2 21.3 20.6 16.9 16.1 14.9 (%) 10.5 11.3 11.0 9.2 9.1 8.6 (x) 0.1 0.0 (0.0) (0.1) (0.0) (0.0) (x) 29.2 30.0 33.3 21.8 21.0 22.8	(%) 56.5 53.0 54.2 55.0 53.7 51.0 50.4 (%) 51.8 49.7 42.7 50.5 48.3 45.9 42.9 (%) 77.1 77.0 74.1 75.5 81.0 77.3 75.9 (%) 54.4 52.0 49.1 54.4 53.3 49.7 47.2 (%) 24.8 27.3 17.0 25.5 31.2 23.1 23.0 (%) 20.2 21.3 20.6 16.9 16.1 14.9 15.7 (%) 10.5 11.3 11.0 9.2 9.1 8.6 8.8 (x) 0.1 0.0 (0.0) (0.1) (0.0) (0.0) (0.1) (x) 29.2 30.0 33.3 21.8 21.0 22.8 25.5

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Main Assumptions									
FY December 31	Unit	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24
Sales volume	(kBOED)	465	478	501	461	445	467	475	473
- Liquid product	(% of total)	27.6	27.3	27.8	27.9	27.3	29.8	28.3	27.0
- Gas product	(% of total)	72.4	72.7	72.2	72.1	72.7	70.2	71.7	73.0
Dubai crude oil price	(US\$/bbl)	108.9	98.2	84.4	79.3	77.6	86.7	83.9	81.5
Avg selling price	(US\$/BOE)	55.6	53.7	52.8	50.0	45.7	48.7	48.4	47.2

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Figure 1: PTTEP - 1Q24 earnings review

	1Q23	4Q23	1Q24	%YoY	%QoQ
P&L (Bt, mn)					
Total revenue	75,493	79,516	75,737	0.3	(4.8)
Gross profit	41,530	40,090	37,452	(9.8)	(6.6)
EBITDA	57,015	60,342	58,999	3.5	(2.2)
Profit before extra items	20,034	19,900	19,185	(4.2)	(3.6)
Net Profit	19,281	18,287	18,683	(3.1)	2.2
EPS (Bt)	4.86	4.61	4.71	(3.1)	2.2
B/S (Bt, mn)					
Total assets	871,771	902,821	990,677	13.6	9.7
Total liabilities	391,531	403,378	438,771	12.1	8.8
Total equity	480,240	499,443	551,906	14.9	10.5
BVPS (Bt)	120.97	125.78	138.97	14.9	10.5
Financial ratio (%)					
Gross margin (%)	55.0	50.4	49.5	(5.6)	(1.0)
EBITDA margin (%)	75.5	75.9	77.9	2.4	2.0
Net profit margin (%)	25.5	23.0	24.7	(0.9)	1.7
ROA (%)	9.2	8.8	8.1	(1.1)	(0.7)
ROE (%)	16.9	15.7	14.6	(2.3)	(1.1)
D/E (X)	0.8	0.8	0.8	(2.0)	(1.3)

Source: PTTEP and InnovestX Research

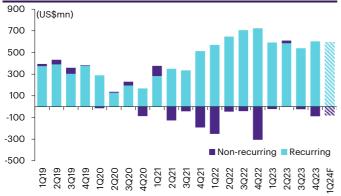
Appendix

Figure 2: PTTEP - sales volume



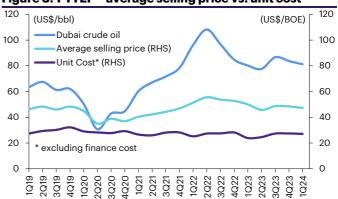
Source: PTTEP and InnovestX Research

Figure 4: PTTEP - quarterly profit



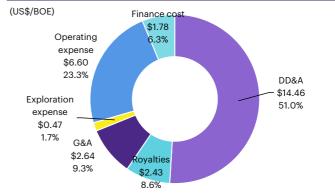
Source: PTTEP and InnovestX Research

Figure 3: PTTEP - average selling price vs. unit cost



Source: PTTEP and InnovestX Research

Figure 5: PTTEP - cost breakdown (12MMA)



Source: PTTEP and InnovestX Research



+2SD = 1.6x

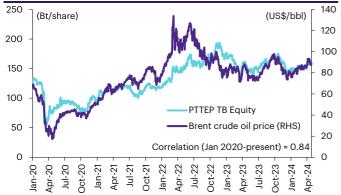
+1SD = 1.4x

Avg. = 1.2x

-1SD = 0.9x

-2SD = 0.7x

Figure 6: PTTEP share price vs. Brent oil price



0.2 -

Figure 7: PTTEP - PBV band

PBV (x)

Jan-16 -Jul-16 -Jan-17 -

1.6

1.4

1.2

1.0

0.8

0.6

0.4

Source: Bloomberg Finance L.P. and InnovestX Research

Jul-17 Jun-18 Jul-18 Jul-19 Jul-19 Jul-20 Jul-21 Jul-21 Jul-21 Jul-22 Jul-22 Jul-23 -

Source: Bloomberg Finance L.P. and InnovestX Research

Figure 8: Sensitivity of oil price to profit and TP

Brent oil price (US\$/bbl)	65	75	85	95	105
2024 Net profit (Btmn)	53,778	68,231	82,684	97,137	111,590
% change from the current forecast	-35%	-17%	0%	17%	35%
LT Brent oil price (US\$/bbl)	60	65	70	75	80
PTTEP - Target price (Bt/sh)	151	177	204	230	256
% change from the current TP	-26%	-13%	0%	13%	25%

Source: InnovestX Research

Figure 9: Valuation summary (price as of Apr 25, 2024)

	Rating	Price	Target	ETR	P/E (x)			EPS growth (%)			P/BV (x)			ROE (%)			Div. Yield (%)			EV/EBITDA (x)		
		(Bt/Sh)	(Bt/Sh)	(%)	23A	24F	25F	23A	24F	25F	23A	24F	25F	23A 24	F 2	5F	23A	24F	25F	23A	24F	25F
ВСР	Outperform	44.25	51.0	20.9	4.8	4.3	4.1	(32)	13	5	0.8	0.7	0.6	14 1	4	13	4.5	5.6	6.2	4.1	4.8	4.7
BSRC	Underperform	9.05	10.5	19.3	14.6	8.3	6.2	(77)	76	33	1.1	1.0	0.9	8 1	13	16	2.8	3.3	6.6	10.3	7.7	5.6
IRPC	Neutral	1.99	2.6	32.2	n.m.	31.6	15.7	n.m.	n.m.	101	0.5	0.5	0.5	(5)	2	3	1.5	1.5	3.0	17.4	6.9	6.4
OR	Outperform	18.00	27.0	52.9	18.9	16.3	14.3	7	16	14	2.0	1.9	1.7	10 1	12	12	2.9	2.9	3.3	9.6	9.1	7.9
PTT	Outperform	33.75	45.0	39.3	9.4	8.8	8.1	(36)	6	9	0.9	0.8	8.0	7	7	7	5.9	5.9	5.9	3.5	3.5	3.2
PTTEP	Outperform	157.00	204.0	36.0	7.9	7.5	7.0	(13)	5	8	1.2	1.1	1.1	16 1	6	16	6.1	6.1	6.4	2.5	2.6	2.9
SPRC	Neutral	8.15	11.0	38.7	n.m.	9.1	7.8	n.m.	n.m.	17	1.0	0.9	8.0	(3) 1	0	11	0.0	3.7	4.9	28.5	5.9	4.7
TOP	Outperform	57.00	77.0	40.9	5.8	6.2	5.5	(34)	(6)	13	0.8	0.7	0.7	14 1	12	13	6.0	5.8	6.5	6.9	7.4	5.0
Average					10.2	11.5	8.6	(31)	18	25	1.0	1.0	0.9	8 ′	11	11	3.7	4.4	5.4	10.4	6.0	5.1

Source: InnovestX Research



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2S, A5, AAI, AIE, ALUCON, AMR, APURE, ARIN, AS, ASIA, ASIAN, ASIMAR, ASN, AURA, BR, BSBM, BTG, CEN, CGH, CH, CHIC, CI, CIG, CMC, COMAN, CSP, DOD, DPAINT, DV8, EFORL, EKH, ESSO, ESTAR, EVER, FORTH, FSMART, FTI, GEL, GPI, HEALTH, HUMAN, IFS, INSET, IT, J, JCKH, JDF, JKN, JMART, JUBILE, K, KCAR, KGI, KIAT, KISS, KK, KTIS, KWC, KWM, LDC, LEO, LHK, MACO, METCO, MICRO, MK, MVP, NCAP, NOVA, NTSC, PACO, PIN, PQS, PREB, PRI, PRIME, PROEN, PROS, PROUD, PSTC, PTECH, PYLON, RCL, SALEE, SANKO, SCI, SCN, SE, SE-ED, SFLEX, SINGER, SKN, SONIC, SORKON, SPVI, SSP, SST, STANLY, STP, SUPER, SVOA, SWC, TCC, TEKA, TFM, TMILL, TNP, TPLAS, TPOLY, TRC, TRU, TRUBB, TSE, VRANDA, WAVE, WFX, WIIK, WIN, WP, XO

Companies with Good CG Scoring

24CS, AMANAH, AMARC, AMC, APP, ASAP, BCT, BE8, BIG, BIOTEC, BLESS, BSM, BVG, CAZ, CCET, CHARAN, CHAYO, CHOTI, CITY, CMAN, CMR, CRANE, CWT, DHOUSE, DTCENT, EASON, FNS, FTE, GIFT, GJS, GTB, GTV, GYT, HL, HTECH, HYDRO, IIG, INGRS, INSURE, IRCP, ITD, ITNS, JCK, JMT, JR, JSP, KBS, KGEN, KJL, L&E, LEE, MASTER, MBAX, MEB, MENA, META, MGT, MITSIB, MJD, MOSHI, MUD, NATION, NNCL, NPK, NSL, NV, OGC, PAF, PCC, PEACE, PICO, PK, PL, PLANET, PLE, PMTA, PPM, PRAKIT, PRAPAT, PRECHA, PRIN, PSG, RABBIT, READY, RJH, RSP, RWI, S11, SAAM, SAF, SAMCO, SAWAD, SCAP, SCP, SIAM, SKE, SKY, SMART, SMD, SMIT, SOLAR, SPA, STECH, STPI, SVR, TC, TCCC3, TEAM, TFI, TIGER, TITLE, TKC, TMI, TNH, TPA, TPAC, TRITN, UBA, UMI, UMS, UTP, VARO, VPO, W, WARRIX, WORK, WPH, YONG, ZIGA

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To recognize well performers, the list of companies attaining "Good", "Very Good" and "Excellent" levels of recognition (Not including listed companies qualified in the "no announcement of the results" clause from 1 January 2022 to 31 October 2023) is publicized.

¹OISHI was voluntarily delisted from the Stock Exchange of Thailand, effectively on September 6, 2023

²SFP was voluntarily delisted from the Stock Exchange of Thailand, effectively on July 19, 2023

³TCCC was voluntarily delisted from the Stock Exchange of Thailand effectively on August 25, 2023

Anti-corruption Progress Indicator

Certified (ได้รับการรับรอง)

25, 7UP, AAI, ADVANC, AF, AH, AI, AIE, AIRA, AJ, AKP, AMA, AMANAH, AMATA, AMATAV, AP, APCS, AS, ASIAN, ASK, ASP, AWC, AYUD, B, BAFS, BAM, BANPU, BAY, BBGI, BBL, BCH, BCP, BCPG, BE8, BEC, BEYOND, BGC, BGRIM, BKI, BLA, BPP, BROOK, BRR, BSBM, BTS, BWG, CEN, CENTEL, CFRESH, CGH, CHEWA, CHOTI, CHOW, CIG, CIMBT, CM, CMC, COM7, CPALL, CPAXT, CPF, CPI, CPL, CPN, CPW, CRC, CSC, DCC, DELTA, DEMCO, DIMET, DOHOME, DRT, DUSIT, EA, EASTW, ECF, EGCO, EP, EPG, ERW, ESTAR, ETC, ETE, FNS, FPI, FPT, FSMART, FTE, GBX, GC, GCAP, GEL, GFPT, GGC, GJS, GPI, GPSC, GSTEEL, GULF, GUNKUL, HANA, HARN, HENG, HMPRO, HTC, ICC, ICHI, IFS, III, ILINK, ILM, INET, INOX, INSURE, INTUCH, IRPC, ITEL, IVL, JAS, JKN, JR, JTS, KASET, KBANK, KBS, KCAR, KCCAMC, KCE, KGEN, KGI, KKP, KSL, KTB, KTC, L&E, LANNA, LHFG, LHK, LPN, LRH, M, MALEE, MATCH, MBAX, MBK, MC, MCOT, META, MFC, MFEC, MILL, MINT, MONO, MOONG, MSC, MST, MTC, MTI, NATION, NCAP, NEP, NKI, NOBLE, NRF, NWR, OCC, OGC, OR, ORI, PAP, PATO, PB, PCSGH, PDG, PDJ, PG, PHOL, PIMO, PK, PL, PLANB, PLANET, PLAT, PM, PPP, PPPM, PPS, PR9, PREB, PRG, PRINC, PRM, PROS, PSH, PSL, PSTC, PT, PTECH, PTG, PTT, PTTEP, PTTGC, PYLON, Q-CON, QH, QLT, QTC, RABBIT, RATCH, RML, RS, RWI, S&J, SAAM, SABINA, SAK, SAPPE, SAT, SC, SCC, SCG, SCGP, SCM, SCN, SEAOIL, SE-ED, SELIC, SENA, SGC, SGP, SIRI, SITHAI, SKR, SMIT, SMK, SMPC, SNC, SNP, SORKON, SPACK, SPALI, SPC, SPI, SPRC, SRICHA, SSF, SSP, SSSC, SST, STA, STGT, STOWER, SUSCO, SVI, SYMC, SYNTEO, TAE, TAKUNI, TASCO, TCAP, TCMC, TFG, TFI, TFMAMA, TGE, TGH, THANI, THCOM, THIP, THRE, THREL, TIDLOR, TIPCO, TISCO, TKS, TKT, TMD, TMILL, TMT, TNITY, TNL, TNP, TNR, TOG, TOPP, TPA, TPCS, TRT, TRU, TSC, TSI, TSTE, TSTH, TTA, TTB, TTCL, TU, TVDH, TVO, TWPC, UBE, UBIS, UEC, UKEM, UOBKH, UV, VCOM, VGI, VIH, WACOAL, WHA, WHAUP, WICE, WIIK, XO, YUASA, ZEN, ZIGA

Declared (ประกาศเจตนารมณ์)

ACE, ADB, ALT, AMC, ASW, BLAND, BTG, BYD, CAZ, CBG, CV, DEXON, DMT, EKH, FSX, GLOBAL, GREEN, ICN, IHL, ITC, J, JMART, JMT, LEO, LH, MENA, MITSIB, MODERN, NER, NEX, OSP, PEER, PLUS, POLY, PQS, PRIME, PROEN, PRTR, RBF, RT, SA, SANKO, SCB, SENX, SFLEX, SIS, SKE, SM, SVOA, TBN, TEGH, TIPH, TKN, TPAC, TPLAS, TQM, TRUE, W, WPH, XPG

N/A

24CS, 3K-BAT, A, A5, AAV, ABM, ACAP, ACC, ACG, ADD, ADVICE, AEONTS, AFC, AGE, AHC, AIT, AJA, AKR, AKS, ALL, ALLA, ALPHAX, ALUCON, AMARC, AMARIN, AMR, ANAN, ANI, AOT, APCO, APEX, APO, APP, APURE, AQUA, ARIN, ARIP, ARROW, ASAP, ASEA, ASIA, ASIMAR, ASN, ATP30, AU, AUCT, AURA, B52, BA, BBIK, BC, BCT, BDMS, BEAUTY, BEM, BGT, BH, BIG, BIOTEC, BIS, BIZ, BJC, BJCHI, BKD, BKGI, BLC, BLESS, BLISS, BM, BOL, BPS, BR, BRI, BROCK, BSM, BSRC, BTNC, BTW, BUI, BVG, CCET, CCP, CEYE, CGD, CH, CHARAN, CHASE, CHAYO, CHG, CHIC, CHO, CI, CITY, CIVIL, CK, CKP, CMAN, CMO, CMR, CNT, COCOCO, COLOR, COMAN, CPANEL, CPH, CPR, CPT, CRANE, CRD, CREDIT, CSP, CSR, CSS, CTW, CWT, D, DCON, DDD, DHOUSE, DITTO, DOD, DPAINT, DTCENT, DTCI, DV8, EASON, ECL, EE, EFORL, EMC, ETL, EURO, EVER, F&D, FANCY, FE, FLOYD, FMT, FN, FORTH, FTI, FVC, GABLE, GENCO, GFC, GIFT, GL, GLAND, GLOCON, GLORY, GRAMMY, GRAND, GSC, GTB, GTV, GYT, HEALTH, HFT, HL, HPT, HTECH, HUMAN, HYDRO, 12, IFEC, IIG, IMH, IND, INGRS, INSET, IP, IRC, IRCP, IT, ITD, ITNS, ITTHI, JAK, JCK, JCKH, JCT, JDF, JPARK, JSP, JUBILE, K, KAMART, KC, KCG, KCM, KDH, KEX, KIAT, KISS, KJL, KK, KKC, KLINIQ, KOOL, KTIS, KTMS, KUMWEL, KUN, KWC, KWI, KWM, KYE, LALIN, LDC, LEE, LIT, LOXLEY, LPH, LST, MANRIN, MASTER, MATI, MCA, M-CHAI, MCS, MDX, MEB, MEGA, METCO, MGC, MGI, MGT, MICRO, MIDA, MJD, MK, ML, MORE, MOSHI, MTW, MUD, MVP, NAM, NAT, NC, NCH, NCL, NDR, NEO, NETBAY, NEW, NEWS, NFC, NL, NNCL, NOK, NOVA, NPK, NSL, NTSC, NTV, NUSA, NV, NVD, NYT, OHTL, ONEE, ORN, PACE, PACO, PAF, PANEL, PCC, PEACE, PERM, PF, PHG, PICO, PIN, PJW, PLE, PLT, PMTA, POLAR, PORT, POST, PPM, PRAKIT, PRAPAT, PRECHA, PRI, PRIN, PRO, PROUD, PSG, PSP, PTC, PTL, QTCG, RAM, RCL, READY, RICHY, RJH, ROCK, ROCTEC, ROH, ROJNA, RP, RPC, RPH, RSP, S, S11, SABUY, SAF, SAFARI, SAFE, SALEE, SAM, SAMART, SAMCO, SAMTEL, SAUCE, SAV, SAWAD, SAWANG, SBNEXT, SCAP, SCGD, SCI, SCP, SDC, SE, SEAFCO, SECURE, SFT, SGF, SHANG, SHR, SIAM, SICT, SIMAT, SINGER, SINO, SISB, SJWD, SK, SKN, SKY, SLM, SLP, SMART, SMD, SMT, SNNP, SO, SOLAR, SONIC, SPA, SPCG, SPG, SPVI, SQ, SR, SRS, SSC, STANLY, STARK, STC, STECH, STHAI, STI, STP, STPI, SUC, SUN, SUPER, SUTHA, SVR, SVT, SWC, SYNEX, TACC, TAN, TAPAC, TC, TCC, TCJ, TCOAT, TEAM, TEAMG, TEKA, TERA, TFM, TGPRO, TH, THAI, THANA, THE, THG, THMUI, TIGER, TITLE, TK, TKC, TLI, TM, TMC, TMI, TMW, TNDT, TNH, TNPC, TOA, TPBI, TPCH, TPIPL, TPIPL, TPDLY, TPP, TPS, TQR, TR, TRC, TRITN, TRP, TRUBB, TRV, TSE, TTI, TTT, TTW, TURTLE, TVH, TVT, TWP, TWZ, TYCN, UAC, UBA, UMI, UMS, UNIQ, UP, UPGIC, UREKA, UTP, UVAN, VARO, VIBHA, VL, VNG, VPO, VRANDA, WARRIX, WAVE, WELL, WFX, WGE, WIN, WINDOW, WINMED, WINNER, WORK, WORLD, WP, YGG, YONG, ZAA

Explanations

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