

PLEASE CLICK ON THE PAGE NUMBER TO MOVE TO THE RELEVANT PAGE.

KEY HIGHLIGHTS

Results

TMBThanachart Bank (TTB TB/HOLD/Bt1.63/Target: Bt1.65) Page 2

2Q23: Solid results but upside gains from current share price limited; Maintain HOLD.

Update

PTT Global Chemical (PTTGC TB/HOLD/Bt39.00/Target: Bt41.00) Page 5

Expect a net loss for 2Q23; petrochemical spread to continue pressuring core profits in 2H23.

KEY INDICES

Symbol	Close	Chg	%Chg
SET	1,536.64	1.34	0.09
SET50	947.99	(0.77)	(0.08)
Value (Btm) - SET	48,211		
Top 5 Sector			
BANK	403.16	(0.79)	(0.20)
PETRO	847.64	3.99	0.47
PROP	242.95	0.94	0.39
ENERG	21,965.75	48.80	0.22
ICT	158.64	(1.08)	(0.68)

Source: Bloomberg

TOP VOLUME

Symbol	Price (Bt)	Chg (%)	Volume ('000)
CPALL	62.75	(0.40)	34,221.3
PTT	34.50	(0.72)	54,191.4
BANPU	9.45	3.28	192,131.5
AOT	71.75	0.35	24,369.7
KTB	20.10	(0.99)	84,153.3

TOP GAINERS

Symbol	Price (Bt)	Chg (%)	Volume ('000)
ETE	1.05	31.25	4,638.6
IIG	16.20	18.25	3,964.5
JCKH	0.07	16.67	68.0
SDC	0.07	16.67	4,428.3
GREEN	1.01	13.48	3,378.6

TOP LOSERS

Symbol	Price (Bt)	Chg (%)	Volume ('000)
NEWS	0.01	(50.00)	8,526.1
B	0.05	(16.67)	24,839.3
ALL	0.06	(14.29)	5,217.7
TRITN	0.15	(11.76)	18,381.0
EMC	0.11	(8.33)	1,057.5

KEY STATISTICS

Commodity	Current Price	%Chg		
		1m	3M	YTD
Brent crude*	79.3	4.5	(0.8)	(4.6)
Dubai crude*	81.1	6.7	(3.3)	3.1
Baltic Dry Index	1,037.0	(3.8)	(27.6)	(31.6)
Gold Spot***	1,978.8	2.2	(1.3)	8.5

*(US\$/bbl), *** (US\$/toz)

FOREIGN PORTFOLIO INVESTMENT IN EQUITIES (THAILAND)

Day (Mil US\$)	MTD Net (Mil US\$)	YTD Net (Mil US\$)	YTD Net YoY%
0.1	(176.7)	(3,283.5)	(5,328.7)

Source: Bloomberg

Foreign Exchange Rate - THB/US\$ (onshore) = 33.99

Interest Rate (%) - TH 1-day RP = 1.50

Thai Lending Rate (%)* - MLR = 6.85

COMPANY RESULTS

TMBThanachart Bank (TTB TB)

2Q23: Solid Results But Limited Upside Gains From Current Share Price

TTB posted a better-than-expected net profit of Bt4.6b (+33% yoy, +6% qoq). The results exceeded our and consensus expectations by 17% and 10% respectively. While we expect TTB's 2023 earnings to grow well, the share price is trading close to its fair value. TTB is trading at 0.7x 2023F P/B, or +1SD to its five-year mean. Maintain HOLD. Target price: Bt1.65.

2Q23 RESULTS

Year to 31 Dec (Btm)	2Q23	1Q23	2Q22	qoq chg (%)	yoy chg (%)
Total gross loans	1,371,891	1,366,223	1,399,959	0.4	(2.0)
Net interest income	14,095	13,502	12,414	4.4	13.5
Non-interest income	3,668	3,368	3,475	8.9	5.5
Loan loss provision	(4,244)	(4,276)	(4,382)	(0.7)	(3.2)
Non-Interest expenses	(7,863)	(7,303)	(7,262)	7.7	8.3
Pre-provision operating profit	9,897	9,567	8,627	3.5	14.7
Net income	4,566	4,295	3,438	6.3	32.8
EPS (Bt)	0.05	0.04	0.04	6.3	32.8
Ratio (%)					
NPL Ratio	2.6	2.7	2.6		
Loan loss coverage ratio	144	140	133		
Net interest margin (NIM %)	3.2	3.0	2.8		
Credit cost (bp)	124	124	126		
Cost to income (%)	44.3	43.3	45.7		
Common equity tier 1 (CET1) ratio (%)	15.7	15.5	14.8		

Source: TMBThanachart Bank, UOB Kay Hian

RESULTS

- Better-than-expected 2Q23 results.** TMBThanachart Bank (TTB) announced a remarkable 2Q23 net profit of Bt4.6b, representing a substantial increase of 33% yoy and a notable 6% qoq. The results surpassed our and consensus' estimates by 17% and 10% respectively. The impressive performance can be attributed to several key factors, including lower-than-anticipated credit costs and the bank's non-interest income (non-II). Excluding provision expenses, TTB's pre-provision operating profit (PPOP) grew 15% yoy, aligning closely with our previous forecast.

KEY FINANCIALS

Year to 31 Dec (Btm)	2021	2022	2023F	2024F	2025F
Net interest income	51,000	51,617	56,106	58,515	59,540
Non-interest income	14,537	14,236	14,413	14,727	17,048
Net profit (rep./act.)	10,474	14,195	17,069	18,862	20,085
Net profit (adj.)	10,474	14,195	17,069	18,862	20,085
EPS (Bt)	0.1	0.1	0.2	0.2	0.2
PE (x)	15.0	11.1	9.2	8.3	7.8
P/B (x)	0.7	0.7	0.7	0.6	0.6
Dividend yield (%)	2.8	3.6	3.3	4.7	5.4
Net int margin (%)	2.9	2.9	3.2	3.3	3.2
Cost/income (%)	47.6	45.5	44.5	44.1	43.0
Loan loss cover (%)	128.0	138.0	137.0	134.8	129.0
Consensus net profit	-	-	16,309	17,491	18,985
UOBKH/Consensus (x)	-	-	1.05	1.08	1.06

Source: TMBThanachart Bank, Bloomberg, UOB Kay Hian

HOLD

(Maintained)

Share Price	Bt1.63
Target Price	Bt1.65
Upside	+1.2%
(Previous TP)	Bt1.63

COMPANY DESCRIPTION

The sixth largest bank in Thailand with roughly 10% of the credit market. The bank's strong focus in on retail lending, which accounts for 56% of loan book.

STOCK DATA

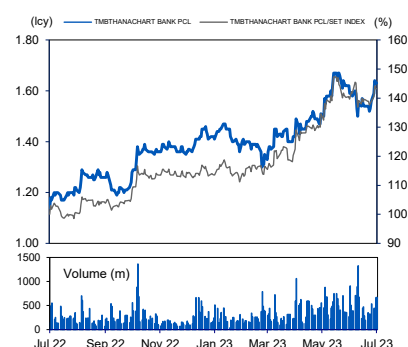
GICS sector	Financials
Bloomberg ticker:	TTB TB
Shares issued (m):	96,777.7
Market cap (Btm):	157,747.6
Market cap (US\$m):	4,630.8
3-mth avg daily t'over (US\$m):	20.7
Price Performance (%)	
52-week high/low	Bt1.67/Bt1.14

1mth	3mth	6mth	1yr	YTD
0.6	14.8	14.8	44.2	15.6

Major Shareholders

	%
ING Bank N.V.	22.97
Thanachart Capital	22.76
Ministry of Finance	11.76
FY23 NAV/Share (Bt)	2.40
FY23 CAR Tier-1 (%)	16.23

PRICE CHART



Source: Bloomberg

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STOCK IMPACT

- Resilient non-II.** While fee income from asset management and foreign exchange businesses were as soft as we expected, the bancassurance fees outperformed our projections, growing 3% qoq and 6% yoy. The impressive growth in bancassurance fees was partly due to its new product launched on Jun 23. Also, the fees from TTB's new credit card business grew with the expansion in credit card loans. Overall, the bank's non-II grew 9% qoq and 6% yoy in 2Q23.
- Muted loan growth, but the loan mix is geared toward high-yield loans.** TTB's loans grew 0.4% qoq but declined 2% yoy, falling short of the bank's loan growth target for 2023. This outcome can be attributed to TTB's commitment to maintaining a conservative lending approach, given that the economy has yet to fully recover. However, it is important to note that the bank's loan mix continues to align with its strategic direction, with a successful redeployment of low-yield loans into high-yield retail loans. Notably, the bank achieved intended growth in high-yield products (eg personal loans: +7% qoq, Cash Your Car: +6% qoq, and Cash Your Home: +4% qoq).
- Well-managed asset quality led to low provision expenses.** Although the NPL trend is still rising for the banking and consumer finance sectors, TTB managed to bring its NPL ratio down from 2.69% in 1Q23 to 2.63% in 2Q23 thanks to its stringent lending policy. Furthermore, its loan loss coverage (LLC) ratio increased from 140% in 1Q23 to 144% in 2Q23. Despite being prudent in provisioning, the bank's credit cost in 2Q23 was flat qoq at 124bp.
- NIM expanded on the back of pre-emptive funding management.** TTB achieved a net interest margin (NIM) of 3.18%, reflecting a notable increase of 10bp qoq from 1Q23. This commendable upswing can be attributed to the bank's proactive approach to asset-liability management, which effectively mitigated the impact of rising interest rates on the cost of funds.

FINANCIAL TARGETS VS ACTUAL

	2023 Targets	1H23 Actual	Remark
Total loan growth (yoy %)	3%	-2.0%	Below the target.
Deposit growth (yoy %)	3%	0%	Below the target.
Net interest margin	3.0-3.1%	3.18%	Above the target.
Non-II growth (yoy %)	Low single digit growth	2.9%	In line with the target.
Cost-to-income ratio	Mid-40s	43.8%	In line with the target.
NPL ratio	≤ 2.9%	2.63%	In line with the target.
Credit cost	125-135bp	124bp	Below the target.

Source: TTB, UOB Kay Hian

EARNINGS REVISION/RISK

- We have upgraded TTB's 2023-25 earnings forecasts by 1-4%, reflecting the better-than-expected actual 2Q23 bottom line and its impressive asset quality.

NET PROFIT FORECASTS

	2023F	2024F	2025F
Old	16,375	18,406	19,856
New	17,069	18,862	20,085
% chg	+4.2	+2.5	+1.2

Source: UOB Kay Hian

VALUATION/RECOMMENDATION

- Maintain HOLD with a higher target price of Bt1.65.** Our valuation is derived from the Gordon Growth Model (ROE: 7.5%, cost of equity: 11%, long-term growth: 2.0%) and implies 0.7x 2023F P/B, which is +1SD to its last historical five-year mean.

SHARE PRICE CATALYST

- No short-term price catalyst.

PE BAND



Source: TTB, UOB Kay Hian

P/B BAND



Source: TTB, UOB Kay Hian

PROFIT & LOSS

Year to 31 Dec (Btm)	2022	2023F	2024F	2025F
Interest income	65,627	77,212	82,601	85,280
Interest expense	(14,010)	(21,105)	(24,086)	(25,740)
Net interest income	51,617	56,106	58,515	59,540
Fees & commissions	10,391	10,952	11,113	13,142
Other income	3,845	3,461	3,614	3,906
Non-interest income	14,236	14,413	14,727	17,048
Total income	65,852	70,519	73,242	76,588
Staff costs	(16,006)	(17,040)	(17,590)	(18,123)
Other operating expense	(13,946)	(14,376)	(14,740)	(14,794)
Pre-provision profit	35,900	39,104	40,911	43,671
Loan loss provision	(18,353)	(17,636)	(17,334)	(18,247)
Pre-tax profit	17,547	21,468	23,577	25,424
Tax	(3,352)	(4,398)	(4,715)	(5,339)
Minorities	0	0	0	0
Net profit	14,195	17,069	18,862	20,085
Net profit (adj.)	14,195	17,069	18,862	20,085

BALANCE SHEET

Year to 31 Dec (Btm)	2022	2023F	2024F	2025F
Cash with central bank	15,506	20,837	21,322	21,755
Govt treasury bills & securities	211,432	175,652	194,201	201,035
Interbank loans	187,563	194,477	199,007	203,042
Customer loans	1,326,505	1,331,175	1,364,971	1,395,112
Investment securities	1,533	2,778	2,843	2,901
Derivative receivables	10,376	11,182	11,565	11,928
Associates & JVs	8,574	8,579	8,579	8,579
Fixed assets (incl. prop.)	31,941	30,780	30,252	29,801
Other assets	32,851	35,273	35,532	35,763
Total assets	1,826,279	1,810,734	1,868,272	1,909,916
Interbank deposits	84,770	83,347	85,289	87,018
Customer deposits	1,399,247	1,361,342	1,407,261	1,450,303
Derivative payables	9,499	11,113	11,372	11,602
Debt equivalents	59,644	73,275	70,336	54,530
Other liabilities	54,111	49,549	50,455	51,262
Total liabilities	1,607,271	1,578,626	1,624,713	1,654,716
Shareholders' funds	219,006	232,106	243,558	255,198
Minority interest - accumulated	1	1	1	1
Total equity & liabilities	1,826,279	1,810,734	1,868,272	1,909,916

OPERATING RATIOS

Year to 31 Dec (%)	2022	2023F	2024F	2025F
Capital Adequacy				
Tier-1 CAR	16.1	16.2	16.6	17.1
Total CAR	19.8	19.9	20.3	20.8
Total assets/equity (x)	8.3	7.8	7.7	7.5
Tangible assets/tangible common	9.2	8.6	8.4	8.1
Asset Quality				
NPL ratio	2.7	2.7	2.7	2.7
Loan loss coverage	138.0	137.0	134.8	129.0
Loan loss reserve/gross loans	4.1	4.2	4.0	3.8
Increase in NPLs	(1.8)	1.4	(0.9)	2.0
Credit cost (bp)	132.8	127.2	123.3	127.1
Liquidity				
Loan/deposit ratio	94.8	97.8	97.0	96.2
Liquid assets/short-term liabilities	27.8	27.0	27.7	27.6
Liquid assets/total assets	22.7	21.6	22.2	22.3

KEY METRICS

Year to 31 Dec (%)	2022	2023F	2024F	2025F
Growth				
Net interest income, yoy chg	1.2	8.7	4.3	1.8
Fees & commissions, yoy chg	(7.6)	5.4	1.5	18.3
Pre-provision profit, yoy chg	4.6	8.9	4.6	6.7
Net profit, yoy chg	35.5	20.2	10.5	6.5
Net profit (adj.), yoy chg	35.5	20.2	10.5	6.5
Customer loans, yoy chg	0.1	0.4	2.5	2.2
Profitability				
Net interest margin	2.9	3.2	3.3	3.2
Cost/income ratio	45.5	44.5	44.1	43.0
Adjusted ROA	0.8	0.9	1.0	1.1
Reported ROE	6.6	7.6	7.9	8.1
Adjusted ROE	6.6	7.6	7.9	8.1
Valuation				
P/BV (x)	0.7	0.7	0.6	0.6
P/NTA (x)	0.8	0.8	0.7	0.7
Adjusted P/E (x)	11.1	9.2	8.3	7.8
Dividend Yield	3.6	3.3	4.7	5.4
Payout ratio	39.5	30.0	39.3	42.0

COMPANY UPDATE

PTT Global Chemical (PTTGC TB)

Expect A Net Loss For 2Q23; Petrochemical Spread To Continue Pressuring Core Profits In 2H23

We expect PTTGC to report a net loss of Bt5.1b in 2Q23. This shift in fortune is primarily attributed to decreased refining margins. Additionally, there will be a Bt3.5b loss from special items. The path to recovery remains uncertain due to risks associated with the weak petrochemical business, from increased production capacity from new sources. We have cut our net profit forecasts for 2023 and 2024 by 32% and 24% respectively. Maintain HOLD. Target price: Bt41.00.

WHAT'S NEW

- **Expect a net loss of Bt5.1b for 2Q23, primarily due to lower refining margins and losses from extraordinary items.** We anticipate PTT Global Chemical (PTTGC) to report a net loss of Bt5.1b in 2Q23, (vs net profits of Bt82m in 1Q23, Bt1.4b in 2Q22). This loss can be attributed to a lower gross refining margin (GRM). Moreover, losses resulting from exchange rates and stock losses are also expected to be recognised, amounting to as much as Bt1.5b and Bt2.0b, respectively.

2023 RESULTS PREVIEW

Year to 31 Dec (Btm)	2Q22	1Q23	2Q23F	yoy % chg	qoq % chg	6M22	6M23F	yoy % chg
Sales and service revenue	197,603	148,147	123,465	-38	-17	468,953	683,954	46
COGS	161,604	138,532	116,222	-28	-16	414,298	603,238	46
SG&A	9,388	8,471	8,576	-9	1	21,727	38,973	79
EBITDA	33,393	8,109	3,747	-89	-54	55,666	69,306	25
Gain (Loss) from affiliate	1,549	-244	838	-46	n.a.	6,841	3,496	-49
Norm. Income	24,724	-198	-2,151	n.a.	n.a.	42,865	41,323	-4
Extraordinary item	-23,336	280	-2,966	n.a.	n.a.	2,117	-50,075	n.a.
Net Income	1,388	82	-5,117	n.a.	n.a.	44,982	-8,752	n.a.
EPS	0.31	0.02	-1.14			9.98	-1.94	
Gross Profit Margin (%)	18.2	6.5	5.9			11.7	11.8	
EBITDA Margin (%)	16.9	5.5	3.0			11.9	10.1	
SG&A Exp. / Sales (%)	4.8	5.7	6.9			4.6	5.7	
Net profit margin (%)	0.7	0.1	-4.1			9.6	-1.3	

Source: PTT Global Chemical, UOB Kay Hian

- **Upstream business impacted by lower GRM and aromatics spreads.** We forecast GRM to be US\$6.00/bbl in 2Q23, (vs US\$21.10/bbl in 2Q22 and US\$10.30/bbl in 1Q23). This decline is attributed to reduced seasonal demand, leading to an 11% qoq decrease in gasoline spreads, a 42% qoq drop in diesel spreads, and a 47% qoq decline in jet fuel spreads.

KEY FINANCIALS

Year to 31 Dec (Btm)	2021	2022	2023F	2024F	2025F
Net turnover	468,953	683,954	453,523	518,256	560,994
EBITDA	72,504	74,068	43,630	45,094	48,524
Operating profit	49,766	46,506	15,014	18,706	24,186
Net profit (rep./act.)	44,982	(8,752)	6,663	9,730	14,182
Net profit (adj.)	42,865	41,323	6,663	9,730	14,182
EPS (Bt)	9.5	9.2	1.5	2.2	3.1
PE (x)	4.1	4.2	26.2	18.0	12.3
P/B (x)	0.5	0.5	0.5	0.5	0.5
EV/EBITDA (x)	4.6	4.5	7.7	7.5	6.9
Dividend yield (%)	9.7	2.6	1.3	1.9	2.8
Net margin (%)	9.6	(1.3)	1.5	1.9	2.5
Net debt/(cash) to equity (%)	27.7	73.0	47.8	43.4	36.7
Interest cover (x)	12.2	7.5	4.6	4.8	5.3
ROE (%)	13.1	n.a.	2.0	2.8	4.0
Consensus net profit	-	-	10,676	18,733	23,756
UOBKH/Consensus (x)	-	-	0.62	0.52	0.60

Source: PTT Global Chemical, Bloomberg, UOB Kay Hian

HOLD

(Maintained)

Share Price	Bt39.00
Target Price	Bt41.00
Upside	+5.1%

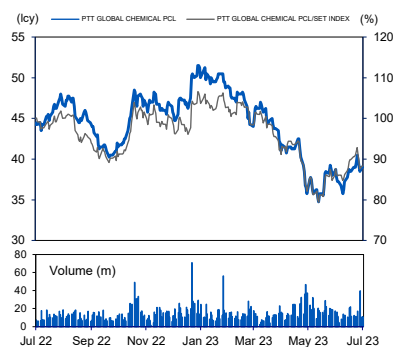
COMPANY DESCRIPTION

PTT Global Chemical is a fully integrated petrochemical and chemical company. The company's products are derived from its main product, olefins, namely ethylene and propylene.

STOCK DATA

GICS sector	Materials			
Bloomberg ticker:	PTTGC TB			
Shares issued (m):	4,508.8			
Market cap (Btm):	174,717.9			
Market cap (US\$m):	5,106.3			
3-mth avg daily t'over (US\$m):	19.0			
Price Performance (%)				
52-week high/low	Bt51.50/Bt34.75			
1mth	3mth	6mth	1yr	YTD
2.0	(8.3)	(24.8)	(11.9)	(18.0)
Major Shareholders				
PTT	%			
NDVR	%			
-	%			
FY23 NAV/Share (Bt)	75.07			
FY23 Net Debt/Share (Bt)	35.85			

PRICE CHART



Source: Bloomberg

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Furthermore, the decline in crude oil prices has also contributed to this situation, resulting in a stock loss of Bt2.0b in the refinery business. For the aromatics business, we expect product spreads (product to feed margin: P2F) to be at US\$186.00/tonne, representing a 25% qoq decline. This decrease is due to the decline in by-product prices, particularly Naphtha prices, Liquefied Petroleum Gas (LPG) prices, and condensate residue prices, which have dropped by 13% qoq, 27% qoq, and 11% qoq, respectively.

EBITDA for olefins & polymers is expected to rise by 5.5% qoq due to the following factors: a) the utilisation rate is projected to increase from 76% in 1Q23 to 80% in 2Q23, b) the proportion of gas in production is anticipated to rise from 36% in 1Q23 to 40% in 2Q23, and c) increased spread margins: Notably, there has been a rise in spread margins, especially for high density polyethylene (HDPE), linear low-density polyethylene (LLDPE), and monoethylene glycol (MEG), which increased by 10%, 7%, and 19% respectively.

STOCK IMPACT

Petrochemical spreads continue to face pressure due to the introduction of new supply. These risks are: a) delayed demand recovery: Demand recovery in the petrochemical sector may be slower than expected, which could exert downward pressure on product prices and affect spread margins; and b) increase in new capacities: In 2023, there is a significant increase in new polyethylene (PE) and polypropylene (PP) capacities, amounting to 3.10m and 6.40m tonnes, respectively. Additionally, in 2H23, another 60-70% of new capacities are anticipated to start production. This surge in new capacities could lead to oversupply in the market, potentially reducing product prices and impacting spread margins. Data from CMA (Jun 23) indicates that although there was an increase in spread margins in the petrochemical sector in 2H23, it was primarily due to the drop in raw material costs rather than product prices.

However, the risk stemming from weak demand may lead to lower product prices, affecting spread margins in 3Q23, as evidenced by the qoq decrease in spread margins across all products. However, in 2023, PE and PP are expected to experience growth of 1.1m and 2.1m tonnes, respectively. Looking ahead, in 2024, we expect new production capacities for PE and PP will become operational, with capacities of 4.0m and 8.5m tonnes, respectively. However, the projected growth in demand for the PE and PP segments in 2024 is relatively lower, with an estimated increase of only 4.3m tonnes for PE and 5.1m tonnes for PP.

EARNINGS REVISION/RISK

Due to the weak outlook in the petrochemical sector, we cut our net profit forecast for 2023 and 2024. The net profit forecast for 2023 has been reduced by 32% to Bt6.7b, (vs net loss Bt8.8b in 2022). For 2024, the net profit forecast has been downgraded by 24% to Bt9.7b, representing a 46% yoy increase. The drop in net profit is influenced by several factors. Refining margin has decreased from US\$8.5/bbl to US\$8.0/bbl. Additionally, the average PE price, as well as the spreads for both PE and PP products, have declined by 9.5%, 7.0%, and 14.3% respectively, reflecting a weaker-than-expected business outlook in 2Q23. These unfavorable conditions are expected to persist into 2024. Moreover, the continued increase in PP supply in 2024 has introduced negative implications. As a result, we have downgraded our spread PP assumption for 2024 by 20%, contributing to the overall reduction in net profit forecasts for the following year. The combination of these factors highlights the challenges faced by the petrochemical sector and the need for cautious projections moving forward.

VALUATION/RECOMMENDATION

Maintain HOLD with the same target price Bt41.00, based on a five-year regional petrochemical forward PE mean of 19.0. We roll over our target to 2024. The short-term sentiment is negatively impacted by weak 2Q23 results. However, there is an expectation of earnings recovery for 2H23. Nevertheless, this recovery is limited due to the challenges posed by the weak petrochemical business, despite the improvement in GRM. We prefer the upstream business (exploration and production of oil and gas), as well as the refinery and the oil station business. Our top picks include PTT Exploration and Production (PTTEP TB/Target: Bt174.00) Thai oil (TOP TB/Target: Bt53.00) and PTT Oil and Retail (OR TB/Target: Bt33.00).

KEY ASSUMPTION

	2022		--- 2023F ---		--- 2024F ---	
	Old	New	Old	New	Old	New
Dubai Crude Oil (US\$/bbl)	96	85	85	84	84	
Market GRM (US\$/bbl)	12.1	8.5	8.0	8.2	7.5	
BTX P2F (US\$/Ton)	85	120	120	100	100	
Average Polyethylene (PE) (US\$/Ton)	1,280	1,050	950	1,150	1,050	
Spread HDPE - Naphtha (US\$/Ton)	421	430	400	450	400	
Spread PP - Naphtha (US\$/Ton)	424	420	360	400	320	
Adj. EBITDA from Polymers & Chemicals (%)	6.9%	7.5%	6.5%	10.0%	8.0%	

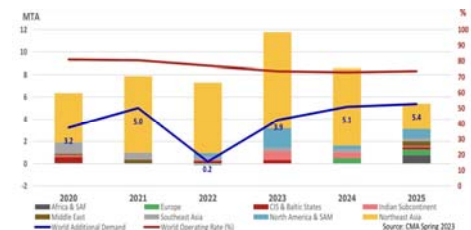
Source: PTT Global Chemical and UOB Kay Hian.

KEY MARKET PERFORMANCE

	--- 2023 ---							qoq %Chg.	yoy %Chg.
	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23 qtd		
Refinery (\$/bbl)									
Dubai (Avg. Quarter)	95.6	108.1	96.9	84.9	80.3	77.8	78.1	-3%	-28%
Dubai (Ended Quarter)	106.0	115.0	90.1	76.6	76.8	78.1	0.0	2%	-32%
Singapore GRM	8.0	21.4	7.1	6.3	8.2	4.0	4.8	-51%	-81%
Jet-Dubai	16.2	39.2	32.4	33.5	26.5	14.0	16.1	-47%	-64%
GO-Dubai	19.6	43.1	35.2	39.3	25.2	14.6	18.0	-42%	-66%
LOFO-Dubai	21.1	33.2	21.1	14.4	12.3	10.7	9.5	-13%	-68%
LPG CP (\$/ton)	803	852	677	612	706	517	388	-27%	-39%
Aromatics (\$/ton)									
Condensate Erawan	834	948	916	735	678	601	628	-11%	-37%
PX FECP-Cond	250	285	180	246	372	395	355	6%	39%
BZ-Cond Spot KR	240	290	62	90	252	237	144	-6%	-18%
Phenol (CMP)-BZ	416	196	233	269	87	79	76	-9%	-60%
Olefins (\$/ton)									
Naphtha MOPJ	877	875	714	673	689	601	560	-13%	-31%
HDPE (FILM) SEA	1,330	1,341	1,104	1,033	1,085	1,036	979	-5%	-23%
HDPE - MOPJ	453	466	390	360	396	435	420	10%	-7%
LLDPE - MOPJ	471	508	386	326	385	413	398	7%	-19%
LDPE - MOPJ	764	783	586	437	441	435	386	-1%	-44%
MEG ACP - 0.65Ethyl	147	195	285	249	260	309	366	19%	59%

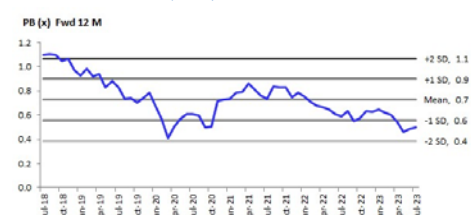
Source: PTT Global Chemical and UOB Kay Hian.

WORLD POLYPROPYLENE ADDITIONAL SUPPLY/ DEMAND BY REGION 2017-2027



Source: CMA (Jun 2023) and PTT Global Chemical

PRICE TO BOOK (PBV)



Source: CMA (Jun 2023) and PTT Global Chemical

PROFIT & LOSS

Year to 31 Dec (Btm)	2022	2023F	2024F	2025F
Net turnover	683,954	453,523	518,256	560,994
EBITDA	74,068	43,630	45,094	48,524
Deprec. & amort.	27,563	28,616	26,387	24,338
EBIT	46,506	15,014	18,706	24,186
Associate contributions	3,496	3,350	3,350	3,350
Net interest income/(expense)	(9,835)	(9,469)	(9,327)	(9,242)
Pre-tax profit	40,166	8,895	12,729	18,295
Tax	2,273	(1,779)	(2,546)	(3,659)
Minorities	(1,116)	(454)	(454)	(454)
Net profit	(8,752)	6,663	9,730	14,182
Net profit (adj.)	41,323	6,663	9,730	14,182

BALANCE SHEET

Year to 31 Dec (Btm)	2022	2023F	2024F	2025F
Fixed assets	296,321	279,028	257,298	237,315
Other LT assets	251,635	185,916	204,378	216,567
Cash/ST investment	31,962	102,073	104,217	114,255
Other current assets	140,046	95,399	108,786	117,221
Total assets	719,965	662,417	674,678	685,358
ST debt	13,617	9,299	9,299	9,299
Other current liabilities	90,359	61,823	70,475	75,884
LT debt	263,728	254,429	245,130	235,831
Other LT liabilities	53,434	35,431	40,489	43,828
Shareholders' equity	336,309	338,462	345,860	356,637
Total liabilities & equity	719,965	662,417	674,678	685,358

CASH FLOW

Year to 31 Dec (Btm)	2022	2023F	2024F	2025F
Operating	(3,426)	57,866	31,835	35,947
Pre-tax profit	40,166	8,895	12,729	18,295
Tax	2,273	(1,779)	(2,546)	(3,659)
Deprec. & amort.	27,563	28,616	26,387	24,338
Working capital changes	(49,495)	2,134	(24,736)	(23,026)
Other operating cashflows	(23,934)	20,000	20,000	20,000
Investing	(12,213)	36,394	(18,061)	(13,205)
Investments	(21,372)	(11,323)	(4,657)	(4,355)
Others	9,159	47,717	(13,405)	(8,850)
Financing	(14,164)	(18,126)	(11,631)	(12,704)
Dividend payments	(11,746)	(4,509)	(2,332)	(3,405)
Proceeds from borrowings	(2,419)	(13,617)	(9,299)	(9,299)
Net cash inflow (outflow)	(29,803)	76,134	2,143	10,038
Beginning cash & cash equivalent	61,636	25,940	102,073	104,217
Changes due to forex impact	130	0	0	0
Ending cash & cash equivalent	31,962	102,073	104,217	114,255

KEY METRICS

Year to 31 Dec (%)	2022	2023F	2024F	2025F
Profitability				
EBITDA margin	10.8	9.6	8.7	8.6
Pre-tax margin	5.9	2.0	2.5	3.3
Net margin	(1.3)	1.5	1.9	2.5
ROA	n.a.	1.0	1.5	2.1
ROE	n.a.	2.0	2.8	4.0
Growth				
Turnover	45.8	(33.7)	14.3	8.2
EBITDA	2.2	(41.1)	3.4	7.6
Pre-tax profit	(20.7)	(77.9)	43.1	43.7
Net profit	(119.5)	n.a.	46.0	45.8
Net profit (adj.)	(3.6)	(83.9)	46.0	45.8
EPS	(3.6)	(83.9)	46.0	45.8
Leverage				
Debt to total capital	48.1	46.7	45.1	43.3
Debt to equity	82.5	77.9	73.6	68.7
Net debt/(cash) to equity	73.0	47.8	43.4	36.7
Interest cover (x)	7.5	4.6	4.8	5.3

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