

TME (TME US)

Inline 3Q23 results; strong music subscription revenue growth

TME reported in-line 3Q23 results on 14 Nov: total revenue declined by 11% YoY and 10% QoQ to RMB6.6bn mainly on soft social entertainment business, versus consensus/our estimate of RMB6.4/6.3bn; non-IFRS net income was up 2% YoY to RMB1.41bn, in line with consensus/our estimate of RMB1.42/1.37bn. Core music subscription revenue growth further accelerated to +42% YoY in 3Q23 (vs. 1Q23/2Q23 +30/37% YoY & consensus +37% YoY), driven by solid growth of both paying users and ARPPU. Looking ahead, we forecast total revenue to decline by 10% YoY to RMB6.7bn in 4Q23E, due to the persisting impact of social entertainment business adjustment. Management currently targets to drive positive total revenue growth and net margin expansion in FY24E. We lower FY23-25 non-IFRS earnings forecast by 2-6%, mainly to reflect uncertainty on social entertainment business. We lower our DCF-derived TP to US\$8.90 (previous: US\$9.20). Maintain BUY.

- Strong music subscription revenue growth. Online music revenue was up 33% YoY to RMB4.6bn in 3Q23, accounting for 69% of total revenue (3Q22: 47%). Music subscription revenue grew by 42% YoY to RMB3.2bn in 3Q23, underpinned by solid growth of ARPPU/paying users (+18/21% YoY). Music paying ratio reached 17.3% in 3Q23. Non-subscription music revenue increased by 15% YoY to RMB1.4bn in 3Q23, primarily due to increase in ad revenue on more innovative ad formats. Leveraging LLMs, TME enhances its music recommendation and personalization capabilities to improve user experience and facilitate users' content consumption in 3Q23. For 4Q23E, we forecast online music revenue to grow by 36% YoY to RMB4.9bn. To drive music subscription revenue growth in 2024, TME will step up effort to develop its IoT business, promote Super VIP subscription, and roll out family membership.
- Expect social entertainment revenue to stabilize in FY24. Social entertainment and others revenue was down by 49% YoY to RMB2.0bn and represented 31% of total revenue in 3Q23, as TME adjusted certain live-streaming interactive functions and implemented more stringent compliance procedures. We forecast social entertainment revenue to further decline by 53% YoY and 9% QoQ to RMB1.8bn in 4Q23E, and to gradually stabilize QoQ in FY24E.
- Further margin expansion in 4Q23E. TME's GPM rose by 3.0ppt YoY and 1.4ppt QoQ to 35.7% in 3Q23, mainly on the enhanced monetization efficiency of online music business and the ramp-up of self-produced music content. And management expects GPM to further rise sequentially in 4Q23E. TME's strong execution of expense control continues to bear fruit, with operating expenses down by 12% YoY and non-IFRS net margin up by 2.7ppt in 3Q23. For 4Q23E, we expect non-IFRS net income to grow by 2% YoY to RMB1.46bn, supported by improved GPM and opex control.

Earnings Summary

(YE 31 Dec)	FY21A	FY22A	FY23E	FY24E	FY25E
Revenue (RMB mn)	31,244	28,339	27,549	27,874	29,793
YoY growth (%)	7.2	(9.3)	(2.8)	1.2	6.9
Gross margin (%)	30.1	31.0	35.0	37.6	38.0
Adjusted net profit (RMB mn)	4,144.6	4,743.7	5,769.9	6,302.5	7,133.5
EPS (Adjusted) (RMB)	2.50	2.96	3.64	3.97	4.50
Consensus EPS (RMB)	2.50	2.96	3.75	3.96	4.48
P/E (x)	48.9	14.2	17.1	16.0	14.6
Source: Company data, Bloomberg	g, CMBIGM est	imates			

BUY (Maintain)

 Target Price
 US\$8.90

 (Previous TP
 US\$9.20)

 Up/Downside
 19.8%

 Current Price
 US\$7.43

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Stock Data

Mkt Cap (US\$ mn)	11,646.4
Avg 3 mths t/o (US\$ mn)	15.5
52w High/Low (US\$)	9.18/5.27
Total Issued Shares (mn)	1567.5

Source: FactSet

Shareholding Structure

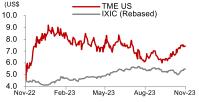
Tencent	53.2%
Spotify	8.2%
Source: Company data	

Share Performance

	Absolute	Relative
1-mth	13.4%	10.5%
3-mth	20.8%	21.0%
6-mth	2.1%	-8.9%

Source: FactSet

12-mth Price Performance



Source: FactSet



Business forecasts update and valuation

Figure 1: TME: forecast revision

	Current			Previous			Change (%)		
RMB mn	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E
Revenue	27,549	27,874	29,793	26,986	28,848	30,606	2.1%	-3.4%	-2.7%
Gross Profit	9,638	10,483	11,335	9,478	10,659	11,391	1.7%	-1.7%	-0.5%
Operating Profit	5,765	6,363	6,964	5,634	6,547	7,126	2.3%	-2.8%	-2.3%
Non-IFRS net profit	5,770	6,303	7,134	5,893	6,690	7,256	-2.1%	-5.8%	-1.7%
Non-IFRS EPS (RMB)	3.6	4.0	4.5	3.7	4.2	4.6	-2.2%	-5.9%	-1.8%
Gross Margin	35.0%	37.6%	38.0%	35.1%	36.9%	37.2%	-0.1 ppt	0.7 ppt	0.8 ppt
Operating Margin	20.9%	22.8%	23.4%	20.9%	22.7%	23.3%	0.0 ppt	0.1 ppt	0.1 ppt
Non-IFRS net margin	20.9%	22.6%	23.9%	21.8%	23.2%	23.7%	-0.9 ppt	-0.6 ppt	0.2 ppt

Source: CMBIGM estimates

Figure 2: CMBIGM estimates vs consensus

	CMBIGM			(Consensus			Diff (%)		
RMB mn	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E	FY23E	FY24E	FY25E	
Revenue	27,549	27,874	29,793	26,951	27,281	30,518	2.2%	2.2%	-2.4%	
Gross Profit	9,638	10,483	11,335	9,386	9,880	11,423	2.7%	6.1%	-0.8%	
Operating Profit	5,765	6,363	6,964	5,408	5,856	6,930	6.6%	8.7%	0.5%	
Non-IFRS net profit	5,770	6,303	7,134	5,882	6,209	7,028	-1.9%	1.5%	1.5%	
Non-IFRS EPS (RMB)	3.6	4.0	4.5	3.8	4.0	4.5	-3.1%	0.3%	0.3%	
Gross Margin	35.0%	37.6%	38.0%	34.8%	36.2%	37.4%	0.2 ppt	1.4 ppt	0.6 ppt	
Operating Margin	20.9%	22.8%	23.4%	20.1%	21.5%	22.7%	0.9 ppt	1.4 ppt	0.7 ppt	
Non-IFRS net margin	20.9%	22.6%	23.9%	21.8%	22.8%	23.0%	-0.9 ppt	-0.1 ppt	0.9 ppt	

Source: Bloomberg, CMBIGM estimates

Figure 3: TME: quarterly financial

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(RMB mn)	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	Cons.	Diff%	СМВІ	Diff%
Online music	2,616	2,878	3,430	3,559	3,501	4,249	4,553	4,538	0.3%	4,472	1.8%
YoY change (%)	-4.8%	-2.4%	18.8%	23.6%	33.8%	47.6%	32.7%				
Subscription revenue	1,993	2,107	2,249	2,352	2,599	2,890	3,193	3,077	3.8%	3,046	4.9%
YoY change (%)	17.8%	17.6%	18.3%	20.6%	30.4%	37.2%	42.0%				
Other revenue	623	771	1,181	1,207	902	1,359	1,360	1,461	-7.0%	1,427	-4.7%
YoY change (%)	-41.1%	-33.4%	19.7%	29.8%	44.8%	76.1%	15.1%				
Social entertainment	4,028	4,027	3,935	3,866	3,503	3,037	2,016	1,788	12.8%	1,779	13.3%
YoY change (%)	-20.6%	-20.4%	-20.0%	-18.2%	-13.0%	-24.6%	-48.8%				
Total revenue	6,644	6,905	7,365	7,425	7,004	7,286	6,569	6,399	2.7%	6,251	5.1%
YoY change (%)	-15.1%	-13.8%	-5.6%	-2.4%	5.4%	5.5%	-10.8%				
GPM (%)	28.0%	29.9%	32.6%	33.0%	33.1%	34.3%	35.7%				
Adjusted NPM (%)	13.5%	14.9%	18.7%	19.4%	20.1%	21.0%	21.4%				
Adjusted net profit	899	1,029	1,379	1,438	1,411	1,529	1,408	1,415	-0.5%	1,370	2.7%
YoY change (%)	-23.9%	-7.9%	35.9%	73.1%	57.0%	48.6%	2.1%				

Source: Company data, CMBIGM

DCF valuation

Our target price of US\$8.90 is based on the DCF valuation methodology (WACC of 11.6% and terminal growth of 2.5%).



Figure	4. TMF	DCF	Valuation
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(RMBmn)	2023E	2024E	2025E	2026E	2027E	2028E	2029E	2030E
Free cash flow	4,573	5,920	6,878	7,655	8,464	9,271	9,986	10,069
NPV of free cash flow	41,585							
Discounted terminal value	52,786							
Net cash	7,513							
Total TME valuation	101,884							
Number of ADS (diluted, mn)	1,567							
Valuation per ADS (US\$)	8.90							

Source: Company data, CMBIGM estimates



Financial Summary

INCOME OTATEMENT	22224	00014	22224	00005	20245	00055
INCOME STATEMENT	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec (RMB mn)						
Revenue	29,153	31,244	28,339	27,549	27,874	29,793
Cost of goods sold	19,851	21,840	19,566	17,911	17,391	18,458
Gross profit	9,302	9,404	8,773	9,638	10,483	11,335
Operating expenses	4,592	5,604	4,330	3,873	4,120	4,371
Selling expense	2,475	2,678	1,144	913	915	978
Admin expense	3,101	4,009	4,413	4,195	4,208	4,498
Others	(984)	(1,083)	(1,227)	(1,235)	(1,003)	(1,105)
Operating profit	4,710	3,800	4,443	5,765	6,363	6,964
Share of (losses)/profits of associates/JV	19	(47)	38	120	0	0
Interest expense	(97)	(121)	(108)	(150)	(135)	(122)
Pre-tax profit	4,632	3,632	4,373	5,735	6,228	6,842
Income tax	(456)	(417)	(534)	(779)	(934)	(1,026)
After tax profit	4,176	3,215	3,839	4,956	5,294	5,816
Net profit	4,176	3,215	3,839	4,956	5,294	5,816
Adjusted net profit	4,949	4,145	4,744	5,770	6,303	7,134
BALANCE SHEET	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec (RMB mn)						
Current assets	31,687	26,791	26,559	29,985	34,765	40,911
Cash & equivalents	11,128	6,591	9,589	13,049	17,667	23,283
Account receivables	2,800	3,610	2,670	2,902	2,783	2,811
Inventories	18	24	14	8	5	3
Prepayment	2,846	2,731	2,958	2,355	2,287	2,427
ST bank deposits	14,858	12,769	11,291	11,630	11,979	12,338
Other current assets	37	1,066	37	41	45	49
Non-current assets	36,586	40,463	40,450	40,853	41,273	41,722
PP&E	176	243	323	274	246	235
Right-of-use assets	311	283	398	398	398	398
Deferred income tax	303	346	347	364	383	402
Investment in JVs & assos	2,255	3,599	4,330	4,380	4,430	4,480
Intangibles	2,020	2,829	2,368	2,167	1,946	1,721
Goodwill	17,492	19,121	19,493	19,743	19,993	20,243
Financial assets at FVTPL	9,771	7,302	3,168	3,231	3,296	3,362
Other non-current assets	4,258	6,740	10,023	10,296	10,582	10,882
Total assets	68,273	67,254	67,009	70,838	76,038	82,633
Current liabilities	9,602	10,450	11,717	10,591	10,489	11,248
Account payables	3,565	4,329	4,998	4,318	4,240	4,551
Tax payable	445	363	404	393	397	425
Other current liabilities	5,489	5,666	6,192	5,754	5,720	6,138
Lease liabilities	103	92	123	127	130	134
Long-term borrowings	5,940	5,749	6,165	6,164	6,173	6,192
Bond payables	5,175	5,062	5,536	5,536	5,536	5,536
Obligations under finance leases	218	205	306	321	337	354
Other non-current liabilities	547	482	323	307	299	302
Total liabilities	15,542	16,199	17,882	16,755	16,661	17,440
Share capital	2	2	2	2	2	2
Capital surplus	34,910	32,395	29,905	29,905	29,905	29,905
Retained earnings	11,111	14,194	12,052	17,008	22,302	28,118
Other reserves	6,222	3,726	6,140	6,140	6,140	6,140
Total shareholders equity	52,245	50,317	48,099	53,055	58,349	64,165
Minority interest	486	738	1,028	1,028	1,028	1,028
Total equity and liabilities	68,273	67, 254	67,009	70,838	76,038	82,633
rotal equity and maximiles	00,213	01,234	67,009	10,030	10,030	02,033



CASH FLOW 10						A Whelly Owned St	ibiddary Of China Merchania Sunk
Portifiation Section Section	CASH FLOW	2020A	2021A	2022A	2023E	2024E	2025E
Portifiation Section Section	YE 31 Dec (RMB mn)						
Pofit before taxation							
Depreciation & amonization 8.24 1,001 1,160 6.22 6.23 6.34 Tax paid (437) (589) (733) 0 0 0 Change in working capital (447) 5.79 2.211 (853) (16) 4.91 Chers 583 616 470 (779) (394) (1,005) Net cash from operations 4.885 5.239 7,481 4,724 5.901 6,941 Investing		4.632	3.632	4.373	5.735	6.228	6.842
Tax paied (637) (589) (733) 0 0 0 Change in working capital (447) 579 2.211 (83) (16) 491 Change in working capital 4,885 5,239 7,461 4,724 (34) (1,026) Net cash from operations 4,885 5,239 7,461 4,724 324 4,724		· ·	· ·	· ·	-	· ·	,
Change in working capital (447) 579 2.211 (853) (16) 4.91 Others 583 616 470 (779) (334) (1,025) Net cash from operations 4,885 5,239 7,461 4,724 5,901 6,941 Investing Use of Capital expenditure (501) (2,789) (165) (250) <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	•						
Ohers 563 616 470 (779) (934) (1208) Net cash from operations 4,885 5,239 7,881 4,724 5,901 6,814 Investing Capital expenditure (501) (2,758) (1,053) (372) (374) (388) Acquaistion of subsidiaries/ investiments (540) (2,078) (1,053) (372) (374) (388) Acquaistion of subsidiaries/ investiments (540) (2,078) (1,105) (250)	•	, ,	, ,	, ,			
Net cash from operations					, ,	` '	
Capital expenditure (501) (2,758) (1,053) (372) (374) (388) Acquisition of subsidiaries/investments (540) (2,078) (165) (250) (250) (250) Net proceeds from disposal of short-term investments 6 (877) 1,055 0 0 0 Others (13,171) (2,88) (1,283) (658) (676) (694) Net cash from investing (13,171) (2,88) (1,283) (658) (676) (694) Net cash from financing 5,400 0					, ,		
Acquisition of subsidiaries/ investments (540) (2,078) (165) (250) (250) (250) Net proceeds from disposal of short-term investing 6 (877) 1,055 0 0 0 Others (13,171) (288) (1,283) (688) (678) (844) Net cash from investing (14,206) (5,999) (1,446) (1,279) (1,300) 1,342 Financing 5,400 0	Investing						
Net proceeds from disposal of short-term investments investments 6 (877) 1,055 0 0 Others (13,171) (288) (1,283) (658) (676) (684) Net cash from investing (14,206) (5,999) (1,446) (1,279) (1,300) (1,342) Financing (1,140) 0	Capital expenditure	(501)	(2,758)	(1,053)	(372)	(374)	(398)
Net proceeds from disposal of short-term investments investments 6 (877) 1,055 0 0 Others (13,171) (288) (1,283) (658) (676) (684) Net cash from investing (14,206) (5,999) (1,446) (1,279) (1,300) (1,342) Financing (1,140) 0	Acquisition of subsidiaries/ investments		(2,078)			(250)	
Investments							
Net cash from investing 14,206 15,999 11,466 11,279 11,300 11,342 Financing			, ,				
Page Page	Others		` '	(1,283)	, ,	, ,	, ,
Net borrowings 5,400 0 0 0 0 0 0 0 0 0	Net cash from investing	(14,206)	(5,999)	(1,446)	(1,279)	(1,300)	(1,342)
Proceeds from share issues (134) 0 0 0 0 0 Others 26 (3,710) (3,419) 15 16 17 Net cash from financing 25,922 (3,710) (3,419) 15 16 17 Net change in cash	Financing						
Others 26 (3,710) (3,419) 15 16 17 Net cash from financing 5,292 (3,710) (3,419) 15 16 17 Net change in cash Section of the year 15,426 11,128 6,591 9,589 13,049 17,667 23,283 Exchange difference (269) (67) 382 0	Net borrowings	5,400	0	0	0	0	0
Net cash from financing 5,992 (3,710) (3,419) 15	Proceeds from share issues	(134)	0	0	0	0	0
Net change in cash Cash at the beginning of the year 15,426 11,128 6,591 9,589 13,049 17,667 Exchange difference (269) (67) 382 0 0 0 Cash at the end of the year 11,128 6,591 9,589 13,049 17,667 23,283 GROWTH 2020A 2021A 202A 2023E 2024E 2025E YE 31 Dec 14,6% 7.2% (9,3%) (2,8%) 1.2% 6.9% Revenue 14,6% 7.2% (9,3%) (2,8%) 1.2% 6.9% Gross profit 1.9% (19,3%) 16,9% 29,8% 10,4% 9.4% Net profit 5.0% (23,0%) 19,4% 29,1% 6.8% 9.9% Net profit 5.0% (23,0%) 14,5% 21,6% 9.2 13,2% PROFIT ABILITY 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec 15,7% 31,3% <t< td=""><td>Others</td><td>26</td><td>(3,710)</td><td>(3,419)</td><td>15</td><td>16</td><td>17</td></t<>	Others	26	(3,710)	(3,419)	15	16	17
Cash at the beginning of the year 15,426 11,128 6,591 9,589 13,049 17,667 Exchange difference (269) (67) 382 0 0 0 Cash at the end of the year 11,128 6,591 9,589 13,049 17,667 2,283 CROWTH 2020A 2021A 2022A 2023E 2024E 2025E YE31 Dec 8 7,2% (9,3%) (2,8%) 1,2% 6,9% Gross profit 7,3% 1,1% (6,7%) 9,9% 8,8% 8,1% Operating profit 1,9% (19,3%) 16,9% 29,8% 10,4% 9,4% Net profit 5,0% (23,0%) 19,4% 29,1% 6,8% 9,9% Adj. net profit 3,0% 16,3% 14,5% 21,6% 9,2% 13,2% PROFITABILITY 2020A 2021A 2022A 2023E 2024E 2025E YE31 Dec 1 2,0 30,1% 31,0% 35,0% <td< td=""><td>Net cash from financing</td><td>5,292</td><td>(3,710)</td><td>(3,419)</td><td>15</td><td>16</td><td>17</td></td<>	Net cash from financing	5,292	(3,710)	(3,419)	15	16	17
Exchange difference (269) (67) 382 0 0 0 Cash at the end of the year 11,128 6,591 9,589 13,049 17,667 23,283 GROWTH 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Revenue 14.6% 7.2% (9,3%) (2.8%) 1.2% 6.9% Gross profit 7.3% 1.1% (6.7%) 9.9% 8.8% 8.1% Operating profit 1.9% (19.3%) 16.9% 29.8% 10.4% 9.9% Adj. net profit 5.0% (23.0%) 11.4% 20.1% 6.6% 9.9% Adj. net profit 0.8% (16.3%) 14.5% 21.6% 9.2% 13.2% PROFITABILITY 2020A 2021A 2022A 203E 204E 2025E YE 31 Dec 31.9% 3.01% 31.0% 35.0% 37.6% 23.9% GEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 2022A <th< td=""><td>Net change in cash</td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Net change in cash						
Cash at the end of the year 11,128 6,591 9,589 13,049 17,667 23,283 GROWTH 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Revenue 14.6% 7.2% (9.3%) (2.8%) 1.2% 6.9% Gross profit 7.3% 1.1% (6.7%) 9.9% 8.8% 8.1% Operating profit 1.9% (19.3%) 16.9% 29.8% 10.4% 9.4% Net profit 5.0% (23.0%) 19.4% 29.1% 6.8% 9.9% Adj. net profit 0.8% (16.3%) 14.5% 21.6% 9.2% 13.2% PROFITABILITY 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Cross profit margin 31.9% 30.1% 31.0% 35.0% 37.6% 38.0% Operating margin 16.2% 12.2% 15.7% 20.9% 22.8% 23.4% 4dj. et profit margin 31.9%	Cash at the beginning of the year	15,426	11,128	6,591	9,589	13,049	17,667
GROWTH 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Revenue 14.6% 7.2% (9.3%) (2.8%) 1.2% 6.9% Gross profit 7.3% 1.1% (6.7%) 9.9% 8.8% 8.1% Operating profit 1.9% (19.3%) 16.9% 29.8% 10.4% 9.4% Net profit 5.0% (23.0%) 19.4% 29.1% 6.8% 9.9% Adj. net profit 0.8% (16.3%) 14.5% 21.6% 9.2% 13.2% PROFITABILITY 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec 31.9% 30.1% 31.0% 35.0% 37.6% 38.0% Operating margin 16.2% 12.2% 15.7% 20.9% 22.8% 23.4% Adj. net profit margin 17.0% 13.3% 16.7% 20.9% 22.8% 23.4% Agin per profit margin 16.2% 12.2% <td>Exchange difference</td> <td>(269)</td> <td>(67)</td> <td>382</td> <td>0</td> <td>0</td> <td>0</td>	Exchange difference	(269)	(67)	382	0	0	0
YE 31 Dec Revenue 14.6% 7.2% (9.3%) (2.8%) 1.2% 6.9% Gross profit 7.3% 1.1% (6.7%) 9.9% 8.8% 8.1% Operating profit 1.9% (19.3%) 16.9% 29.8% 10.4% 9.4% Net profit 5.0% (23.0%) 19.4% 29.1% 6.8% 9.9% Adj. net profit 0.8% (16.3%) 14.5% 21.6% 9.2% 13.2% PROFITABILITY 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec 31.9% 30.1% 31.0% 35.0% 37.6% 38.0% Operating margin 16.2% 12.2% 15.7% 20.9% 22.8% 23.4% Adj. net profit margin 17.0% 13.3% 16.7% 20.9% 22.6% 23.9% Return on equity (ROE) 8.7% 6.3% 7.8% 9.8% 9.5% 9.5% YE 31 Dec 4.1 0.0 0.0 0.0 0.0 </td <td>Cash at the end of the year</td> <td>11,128</td> <td>6,591</td> <td>9,589</td> <td>13,049</td> <td>17,667</td> <td>23,283</td>	Cash at the end of the year	11,128	6,591	9,589	13,049	17,667	23,283
Revenue 14.6% 7.2% (9.3%) (2.8%) 1.2% 6.9% Gross profit 7.3% 1.1% (6.7%) 9.9% 8.8% 8.1% Operating profit 1.9% (19.3%) 16.9% 29.8% 10.4% 9.4% Net profit 5.0% (23.0%) 19.4% 29.1% 6.8% 9.9% Adj. net profit 0.8% (16.3%) 14.5% 21.6% 9.2% 13.2% PROFITABILITY 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Gross profit margin 31.9% 30.1% 31.0% 35.0% 37.6% 38.0% Operating margin 16.2% 12.2% 15.7% 20.9% 22.8% 23.4% Adj. net profit margin 17.0% 13.3% 16.7% 20.9% 22.8% 23.4% Return on equity (ROE) 8.7% 6.3% 7.8% 9.8% 9.5% 9.5% GEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 20	GROWTH	2020A	2021A	2022A	2023E	2024E	2025E
Gross profit 7.3% 1.1% (6.7%) 9.9% 8.8% 8.1% Operating profit 1.9% (19.3%) 16.9% 29.8% 10.4% 9.4% Net profit 5.0% (23.0%) 19.4% 29.1% 6.8% 9.9% Adj. net profit 0.8% (16.3%) 14.5% 21.6% 9.2% 13.2% PROFITABILITY 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Gross profit margin 31.9% 30.1% 31.0% 35.0% 37.6% 38.0% Operating margin 16.2% 12.2% 15.7% 20.9% 22.8% 23.4% Adj. net profit margin 17.0% 13.3% 16.7% 20.9% 22.6% 23.9% Return on equity (ROE) 8.7% 6.3% 7.8% 9.8% 9.5% 9.5% SEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Net debt to equity (x)	YE 31 Dec						
Operating profit 1.9% (19.3%) 16.9% 29.8% 10.4% 9.4% Net profit 5.0% (23.0%) 19.4% 29.1% 6.8% 9.9% Adj. net profit 0.8% (16.3%) 14.5% 21.6% 9.2% 13.2% PROFITABILITY 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec 31.9% 30.1% 31.0% 35.0% 37.6% 38.0% Operating margin 16.2% 12.2% 15.7% 20.9% 22.8% 23.4% Adj. net profit margin 17.0% 13.3% 16.7% 20.9% 22.6% 23.9% Return on equity (ROE) 8.7% 6.3% 7.8% 9.8% 9.5% 9.5% GEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Net debt to equity (x) (0.1) (0.0) (0.1) (0.1) (0.2) (0.3) Current ratio (x) 3.3 2.6 2.3	Revenue	14.6%	7.2%	(9.3%)	(2.8%)	1.2%	6.9%
Net profit 5.0% (23.0%) 19.4% 29.1% 6.8% 9.9% Adj. net profit 0.8% (16.3%) 14.5% 21.6% 9.2% 13.2% PROFITABILITY 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Gross profit margin 31.9% 30.1% 31.0% 35.0% 37.6% 38.0% Operating margin 16.2% 12.2% 15.7% 20.9% 22.8% 23.4% Adj. net profit margin 17.0% 13.3% 16.7% 20.9% 22.8% 23.4% Return on equity (ROE) 8.7% 6.3% 7.8% 9.8% 9.5% 9.5% GEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec 14.2 14.0 10.1 (0.1) (0.1) (0.1) (0.2) (0.3) Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days <	Gross profit	7.3%	1.1%	(6.7%)	9.9%	8.8%	8.1%
Adj. net profit 0.8% (16.3%) 14.5% 21.6% 9.2% 13.2% PROFITABILITY 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Gross profit margin 31.9% 30.1% 31.0% 35.0% 37.6% 38.0% Operating margin 16.2% 12.2% 15.7% 20.9% 22.8% 23.4% Adj. net profit margin 17.0% 13.3% 16.7% 20.9% 22.6% 23.9% Return on equity (ROE) 8.7% 6.3% 7.8% 9.8% 9.5% 9.5% GEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Net debt to equity (x) (0.1) (0.0) (0.1) (0.1) (0.2) (0.3) Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days 56.3 66.0 87.0 94.9 89.8 86.9 VALUATION	Operating profit	1.9%	(19.3%)	16.9%	29.8%	10.4%	9.4%
PROFITABILITY 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Gross profit margin 31.9% 30.1% 31.0% 35.0% 37.6% 38.0% Operating margin 16.2% 12.2% 15.7% 20.9% 22.8% 23.4% Adj. net profit margin 17.0% 13.3% 16.7% 20.9% 22.6% 23.9% Return on equity (ROE) 8.7% 6.3% 7.8% 9.8% 9.5% 9.5% GEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Net debt to equity (x) (0.1) (0.0) (0.1) (0.1) (0.2) (0.3) Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days 35.3 36.0 87.0 94.9 89.8 86.9 VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec	Net profit	5.0%	(23.0%)	19.4%	29.1%	6.8%	9.9%
YE 31 Dec Gross profit margin 31.9% 30.1% 31.0% 35.0% 37.6% 38.0% Operating margin 16.2% 12.2% 15.7% 20.9% 22.8% 23.4% Adj. net profit margin 17.0% 13.3% 16.7% 20.9% 22.6% 23.9% Return on equity (ROE) 8.7% 6.3% 7.8% 9.8% 9.5% 9.5% GEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Valuation (0.1) (0.0) (0.1) (0.1) (0.2) (0.3) Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days 31.3 37.4 40.4 36.9 37.2 34.3 Payable turnover days 56.3 66.0 87.0 94.9 89.8 86.9 VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec 7/E	Adj. net profit	0.8%	(16.3%)	14.5%	21.6%	9.2%	13.2%
Gross profit margin 31.9% 30.1% 31.0% 35.0% 37.6% 38.0% Operating margin 16.2% 12.2% 15.7% 20.9% 22.8% 23.4% Adj. net profit margin 17.0% 13.3% 16.7% 20.9% 22.6% 23.9% Return on equity (ROE) 8.7% 6.3% 7.8% 9.8% 9.5% 9.5% GEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Net debt to equity (x) (0.1) (0.0) (0.1) (0.1) (0.2) (0.3) Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days 31.3 37.4 40.4 36.9 37.2 34.3 Payable turnover days 56.3 66.0 87.0 94.9 89.8 86.9 VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec 7/E 38.1	PROFITABILITY	2020A	2021A	2022A	2023E	2024E	2025E
Operating margin 16.2% 12.2% 15.7% 20.9% 22.8% 23.4% Adj. net profit margin 17.0% 13.3% 16.7% 20.9% 22.6% 23.9% Return on equity (ROE) 8.7% 6.3% 7.8% 9.8% 9.5% 9.5% GEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Net debt to equity (x) (0.1) (0.0) (0.1) (0.1) (0.2) (0.3) Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days 31.3 37.4 40.4 36.9 37.2 34.3 Payable turnover days 56.3 66.0 87.0 94.9 89.8 86.9 YALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec P/E 38.1 48.9 14.2 17.1 16.0 14.8	YE 31 Dec						
Adj. net profit margin 17.0% 13.3% 16.7% 20.9% 22.6% 23.9% Return on equity (ROE) 8.7% 6.3% 7.8% 9.8% 9.5% 9.5% GEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Net debt to equity (x) (0.1) (0.0) (0.1) (0.1) (0.2) (0.3) Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days 31.3 37.4 40.4 36.9 37.2 34.3 Payable turnover days 56.3 66.0 87.0 94.9 89.8 86.9 VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec P/E 38.1 48.9 14.2 17.1 16.0 14.6 P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8	Gross profit margin	31.9%	30.1%	31.0%	35.0%	37.6%	38.0%
Return on equity (ROE) 8.7% 6.3% 7.8% 9.8% 9.5% 9.5% GEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Net debt to equity (x) (0.1) (0.0) (0.1) (0.1) (0.2) (0.3) Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days 31.3 37.4 40.4 36.9 37.2 34.3 Payable turnover days 56.3 66.0 87.0 94.9 89.8 86.9 VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec P/E 38.1 48.9 14.2 17.1 16.0 14.6 P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8	Operating margin	16.2%	12.2%	15.7%	20.9%	22.8%	23.4%
GEARING/LIQUIDITY/ACTIVITIES 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec Net debt to equity (x) (0.1) (0.0) (0.1) (0.1) (0.2) (0.3) Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days 31.3 37.4 40.4 36.9 37.2 34.3 Payable turnover days 56.3 66.0 87.0 94.9 89.8 86.9 VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec P/E 38.1 48.9 14.2 17.1 16.0 14.6 P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8	Adj. net profit margin	17.0%	13.3%	16.7%	20.9%	22.6%	23.9%
YE 31 Dec Net debt to equity (x) (0.1) (0.0) (0.1) (0.1) (0.2) (0.3) Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days 31.3 37.4 40.4 36.9 37.2 34.3 Payable turnover days 56.3 66.0 87.0 94.9 89.8 86.9 VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec P/E 38.1 48.9 14.2 17.1 16.0 14.6 P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8	Return on equity (ROE)	8.7%	6.3%	7.8%	9.8%	9.5%	9.5%
Net debt to equity (x) (0.1) (0.0) (0.1) (0.1) (0.2) (0.3) Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days 31.3 37.4 40.4 36.9 37.2 34.3 Payable turnover days 56.3 66.0 87.0 94.9 89.8 86.9 VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec P/E 38.1 48.9 14.2 17.1 16.0 14.6 P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8	GEARING/LIQUIDITY/ACTIVITIES	2020A	2021A	2022A	2023E	2024E	2025E
Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days 31.3 37.4 40.4 36.9 37.2 34.3 Payable turnover days 56.3 66.0 87.0 94.9 89.8 86.9 VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec P/E 38.1 48.9 14.2 17.1 16.0 14.6 P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8	YE 31 Dec						
Current ratio (x) 3.3 2.6 2.3 2.8 3.3 3.6 Receivable turnover days 31.3 37.4 40.4 36.9 37.2 34.3 Payable turnover days 56.3 66.0 87.0 94.9 89.8 86.9 VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec P/E 38.1 48.9 14.2 17.1 16.0 14.6 P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8	Net debt to equity (x)	(0.1)	(0.0)	(0.1)	(0.1)	(0.2)	(0.3)
Receivable turnover days 31.3 37.4 40.4 36.9 37.2 34.3 Payable turnover days 56.3 66.0 87.0 94.9 89.8 86.9 VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec P/E 38.1 48.9 14.2 17.1 16.0 14.6 P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8							
VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec P/E 38.1 48.9 14.2 17.1 16.0 14.6 P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8	Receivable turnover days			40.4		37.2	34.3
VALUATION 2020A 2021A 2022A 2023E 2024E 2025E YE 31 Dec P/E 38.1 48.9 14.2 17.1 16.0 14.6 P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8	Payable turnover days	56.3	66.0	87.0	94.9	89.8	86.9
YE 31 Dec P/E 38.1 48.9 14.2 17.1 16.0 14.6 P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8							
P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8	YE 31 Dec						
P/E (diluted) 38.7 49.5 14.3 17.4 16.2 14.8	P/E	38.1	48.9	14.2	17.1	16.0	14.6
P/B 3.0 3.1 1.1 1.6 1.5 1.3	P/E (diluted)	38.7	49.5	14.3	17.4	16.2	14.8
	P/B	3.0	3.1	1.1	1.6	1.5	1.3

Source: Company data, CMBIGM estimates. Note: The calculation of net cash includes financial assets.



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