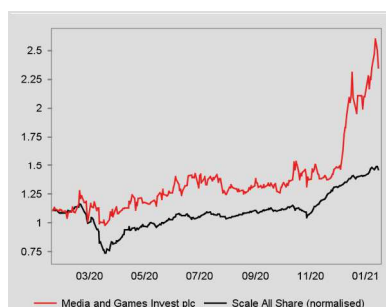


Buy EUR 3.10 Price EUR 2.35 Upside 31.9 %	Value Indicators: EUR DCF: 3.10	Warburg ESG Risk Score: 2.0 ESG Score (MSCI based): 3.0 Balance Sheet Score: 2.0 Market Liquidity Score: 1.0	Description: MGI is engaged in the gaming as well as media and advertising market
	Market Snapshot: EUR m Market cap: 275.2 No. of shares (m): 117.1 EV: 294.2 Freefloat MC: 130.7 Ø Trad. Vol. (30d): 247.05 th	Shareholders: Freefloat 47.5 % Bodhivas (Remco Westernm.) 37.1 % F&F (Lock up until 02/22) 15.4 % UBS 4.0 % Nordnet Pensions 2.5 %	Key Figures (WRe): 2020e Beta: 1.6 Price / Book: 1.2 x Equity Ratio: 56 % Net Fin. Debt / EBITDA: 0.9 x Net Debt / EBITDA: 0.9 x

First Glance: Major earnings-accretive acquisition

Friday night, MGI announced the 100% acquisition of KingsIsle.

- KingsIsle, based in Austin, Texas, is a leading game developer and publisher of the Online PC Games Wizard101 and Pirates 101 which have very loyal communities. Wizard101 was first released in 2008 and has grown from 2m users in 2009 to more than 50m users in 2014.
- MGI will pay a fixed cash consideration of USD 126m on a cash- and debt- free basis plus up to USD 84m that may be paid to the sellers as an earn-out payment, dependent on the level of future revenues.
- In 2021, MGI is expecting additional revenue of EUR 25m and EUR 17m adjusted EBITDA (68% margin). In the first nine months of 2020, KingsIsle generated EUR 18m sales (based on normalized growth and thus excluding the COVID boost) and EUR 12m EBITDA (66% margin).
- Based on the 2021 guidance, the total purchase price including earn-out would be USD 136m and would be equivalent to an EV/adj. EBITDA multiple of 6.7; i.e. highly attractive compared with MGI's own multiple of around 10 based on our 2021 estimates.
- As part of the transaction, MGI will issue 11,676,241 new ordinary MGI shares at a price of EUR 2.14 which corresponds to a discount of 4% on the average closing share price on Xetra of the last 20 trading days. The share issue is directed to funds advised by Oaktree Capital Management and will generate proceeds of EUR 25m. In light of these proceeds and an incremental EUR 30m from the bond issue in November, the initial USD 63m payment after the closing of the acquisition is well covered and a large share of the USD 63m deferred fixed portion of the purchase price can be paid from the cash flow in the next 18 months.
- The acquisition will increase the 2021 adj. EBITDA by more than 60% and is therefore transformative and accretive to both margin and earnings. To illustrate the potential, the application of an EV/ adj. EBITDA multiple of 10 to the acquired business results in revaluation potential of more than EUR 55m. We therefore reiterate our Buy rating and will rework our model.

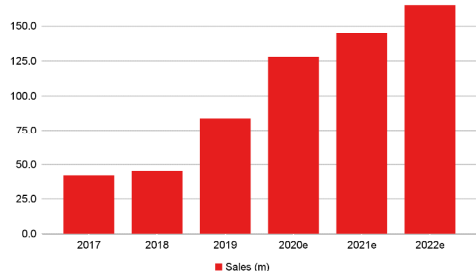


Rel. Performance vs Scale All	
1 month:	8.7 %
6 months:	34.3 %
Year to date:	8.0 %
Trailing 12 months:	77.7 %

Company events:	
26.02.21	Prel. FY 2020
31.05.21	Q1
30.06.21	FY 2020
31.08.21	Q2

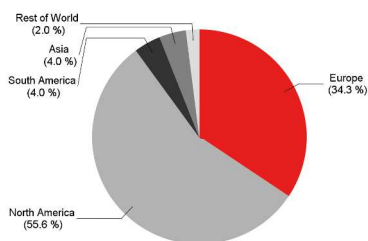
FY End: 31.12. in EUR m	CAGR (19-22e)	2016	2017	2018	2019	2020e	2021e	2022e
Sales	25.3 %	39.0	42.1	45.3	83.9	128.0	145.0	165.0
Change Sales yoy		n.a.	8.0 %	7.6 %	85.2 %	52.6 %	13.3 %	13.8 %
Gross profit margin		61.1 %	70.0 %	70.3 %	71.8 %	69.9 %	70.3 %	70.3 %
EBITDA	33.5 %	2.6	7.0	11.1	15.5	24.0	31.0	37.0
Margin		6.8 %	16.7 %	24.4 %	18.5 %	18.8 %	21.4 %	22.4 %
EBIT	54.7 %	-10.1	-3.4	2.6	5.0	10.0	14.5	18.5
Margin		-25.9 %	-8.0 %	5.7 %	6.0 %	7.8 %	10.0 %	11.2 %
Net income	-	-9.1	-5.0	1.5	-0.3	0.8	6.3	8.4
EPS	-	n.a.	n.a.	n.a.	-0.01	0.01	0.05	0.07
EPS adj.	-	n.a.	n.a.	n.a.	-0.01	0.03	0.05	0.07
DPS	-	n.a.	n.a.	n.a.	0.00	0.00	0.00	0.00
Dividend Yield		n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCFPS		n.a.	n.a.	n.a.	0.05	0.01	0.04	0.08
FCF / Market cap		n.a.	n.a.	n.a.	4.3 %	0.3 %	1.8 %	3.5 %
EV / Sales		n.a.	n.a.	n.a.	2.8 x	2.4 x	2.0 x	1.7 x
EV / EBITDA		n.a.	n.a.	n.a.	14.9 x	12.6 x	9.5 x	7.7 x
EV / EBIT		n.a.	n.a.	n.a.	46.2 x	30.2 x	20.3 x	15.4 x
P / E		n.a.	n.a.	n.a.	n.a.	235.0 x	47.0 x	33.6 x
P / E adj.		n.a.	n.a.	n.a.	n.a.	78.3 x	47.0 x	33.6 x
FCF Potential Yield		n.a.	n.a.	n.a.	6.1 %	6.5 %	8.9 %	11.2 %
Net Debt		24.3	26.1	38.1	56.4	22.1	17.1	7.4
ROCE (NOPAT)		n.a.	n.a.	6.8 %	n.a.	3.0 %	5.2 %	6.6 %
Guidance:		EUR 125m to EUR 135m sales and EBITDA of EUR 23m to EUR 26m						

Sales development
in EUR m



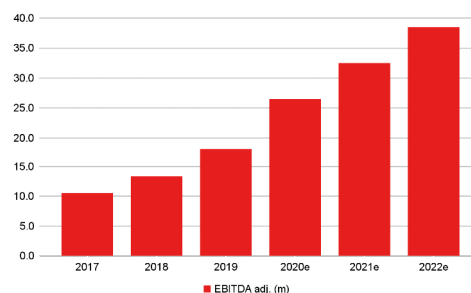
Source: Warburg Research

Revenues by regions
Q2 2020; in %



Source: Warburg Research

Adj. EBITDA development
in EUR m



Source: Warburg Research

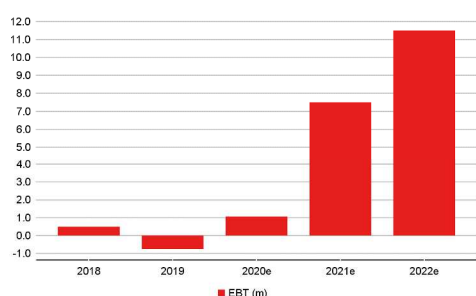
Company Background

- Media and Games Invest plc (MGI) is a corporation with a specific focus on gaming (especially via in-games purchases in MMOGs) and media advertising (agency business and programmatic ad-tech solutions)
- MGI's main asset is gamigo, a games publisher with more than 30 well-established MMOGs and 5k+ casual games. MGI holds 99.9% of gamigo (fully consolidated)
- In May 2018, the Solidate real estate holding was renamed blockescence plc. It decided to divest the real estate business and acquire an initial 35.5% stake in gamigo.
- In June 2019, the company changed its name to Media and Games Invest, to underline its commitment to the gaming and advertising market...
- ... as it acquired another 13.8% stake of gamigo and 100% of the two programmatic ad-tech companies Applift and its subsidiary PubNative and has announced its intention to acquire further gamigo shares (now at 99.9%).

Competitive Quality

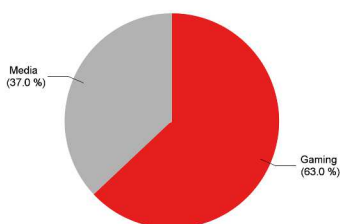
- MGI's gamigo has a relatively broad games portfolio with a focus on multiplayer games. The top-10 games account for roughly 37% of total revenues but no game accounts for more than 8%.
- Revenues are generated with loyal customers. The majority of games generate over 60% of revenues with users who have been playing the game for more than five years.
- MGI is acting as a successful consolidator in the gaming market by purchasing distressed assets (games and media) for low prices and leveraging the acquired user base with its existing infrastructure
- Successful deal history of more than 25 deals prove high quality of the management as well as deal execution ability
- Recently acquired programmatic advertising companies should benefit from existing media content from own games portfolio as well as high experience and rich data of user behaviour and monetisation potential.

EBT development
in EUR m



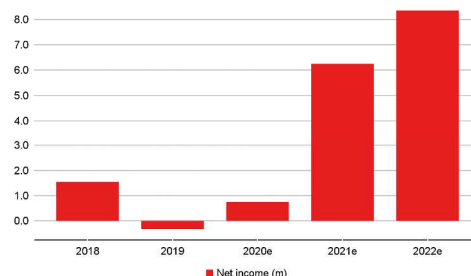
Source: Warburg Research

Sales by segments
Q2 2020; in %



Source: Warburg Research

Net income development
in EUR m



Source: Warburg Research

DCF model

Figures in EUR m	Detailed forecast period			Transitional period										Term. Value
	2020e	2021e	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	
Sales	128.0	145.0	165.0	184.8	203.3	219.5	232.7	242.0	246.9	251.8	256.8	262.0	267.2	2.0 %
Sales change	52.6 %	13.3 %	13.8 %	12.0 %	10.0 %	8.0 %	6.0 %	4.0 %	2.0 %	2.0 %	2.0 %	2.0 %	2.0 %	
EBIT	10.0	14.5	18.5	22.2	26.4	30.7	37.2	43.6	49.4	50.4	51.4	52.4	53.4	20.0 %
EBIT-margin	7.8 %	10.0 %	11.2 %	12.0 %	13.0 %	14.0 %	16.0 %	18.0 %	20.0 %	20.0 %	20.0 %	20.0 %	20.0 %	
Tax rate (EBT)	28.2 %	10.0 %	10.0 %	12.0 %	13.0 %	15.0 %	18.0 %	22.0 %	25.0 %	27.0 %	28.0 %	28.0 %	28.0 %	39
NOPAT	7.2	13.1	16.7	19.5	23.0	26.1	30.5	34.0	37.0	36.8	37.0	37.7	38.5	
Depreciation	14.0	16.5	18.5	22.2	24.4	24.1	23.3	21.8	19.7	20.1	20.5	21.0	21.4	8.0 %
in % of Sales	10.9 %	11.4 %	11.2 %	12.0 %	12.0 %	11.0 %	10.0 %	9.0 %	8.0 %	8.0 %	8.0 %	8.0 %	8.0 %	
Changes in provisions	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39
Change in Liquidity from														
- Working Capital	-4.0	0.2	0.2	1.1	1.3	1.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	8.0 %
- Capex	18.0	18.0	19.0	22.2	22.4	22.0	20.9	19.4	19.7	20.1	20.5	21.0	21.4	
Capex in % of Sales	14.1 %	12.4 %	11.5 %	12.0 %	11.0 %	10.0 %	9.0 %	8.0 %	8.0 %	8.0 %	8.0 %	8.0 %	8.0 %	39
Other	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Free Cash Flow (WACC Model)	-7.9	11.4	16.0	18.4	23.7	26.9	32.5	36.2	36.9	36.6	36.9	37.6	38.3	223
PV of FCF	-7.8	10.4	13.4	14.3	17.0	17.7	19.7	20.2	19.0	17.4	16.1	15.2	14.2	
share of PVs	3.91 %			41.73 %										54.36 %

Model parameter

Derivation of WACC:		Derivation of Beta:	
Debt ratio	30.00 %	Financial Strength	1.50
Cost of debt (after tax)	4.9 %	Liquidity (share)	1.80
Market return	7.00 %	Cyclicality	1.20
Risk free rate	1.50 %	Transparency	1.30
		Others	2.00
WACC	8.53 %	Beta	1.56

Valuation (m)

Present values 2032e	187		
Terminal Value	223		
Financial liabilities	104		
Pension liabilities	0		
Hybrid capital	0		
Minority interest	4		
Market val. of investments	0		
Liquidity	61	No. of shares (m)	117.1
Equity Value	363	Value per share (EUR)	3.10

Sensitivity Value per Share (EUR)

Beta	WACC	Terminal Growth							Beta	WACC	Delta EBIT-margin						
		1.25 %	1.50 %	1.75 %	2.00 %	2.25 %	2.50 %	2.75 %			-1.5 pp	-1.0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.82	9.5 %	2.44	2.49	2.53	2.58	2.63	2.68	2.74	1.82	9.5 %	2.30	2.39	2.49	2.58	2.67	2.76	2.85
1.69	9.0 %	2.66	2.71	2.76	2.82	2.88	2.95	3.02	1.69	9.0 %	2.53	2.63	2.72	2.82	2.92	3.02	3.11
1.62	8.8 %	2.78	2.83	2.89	2.96	3.03	3.10	3.18	1.62	8.8 %	2.65	2.75	2.86	2.96	3.06	3.16	3.26
1.56	8.5 %	2.91	2.97	3.03	3.10	3.18	3.26	3.35	1.56	8.5 %	2.79	2.89	3.00	3.10	3.21	3.31	3.42
1.50	8.3 %	3.04	3.11	3.18	3.26	3.35	3.44	3.54	1.50	8.3 %	2.93	3.04	3.15	3.26	3.37	3.48	3.59
1.43	8.0 %	3.19	3.27	3.35	3.43	3.53	3.63	3.74	1.43	8.0 %	3.09	3.21	3.32	3.43	3.55	3.66	3.77
1.30	7.5 %	3.52	3.61	3.71	3.82	3.94	4.07	4.22	1.30	7.5 %	3.45	3.58	3.70	3.82	3.95	4.07	4.19

- Our DCF approach is based on a detailed planning phase (20 -22), a transitional phase (23 -32), and a perpetuity term
- Long-term tax rate is assumed to be at 28%

Valuation	2016	2017	2018	2019	2020e	2021e	2022e
Price / Book	n.a.	n.a.	n.a.	0.8 x	1.2 x	1.2 x	1.1 x
Book value per share ex intangibles	n.a.	n.a.	n.a.	-1.93	-0.13	-0.08	0.01
EV / Sales	n.a.	n.a.	n.a.	2.8 x	2.4 x	2.0 x	1.7 x
EV / EBITDA	n.a.	n.a.	n.a.	14.9 x	12.6 x	9.5 x	7.7 x
EV / EBIT	n.a.	n.a.	n.a.	46.2 x	30.2 x	20.3 x	15.4 x
EV / EBIT adj.*	n.a.	n.a.	n.a.	46.2 x	30.2 x	20.3 x	15.4 x
P / FCF	n.a.	n.a.	n.a.	23.3 x	315.1 x	54.5 x	28.5 x
P / E	n.a.	n.a.	n.a.	n.a.	235.0 x	47.0 x	33.6 x
P / E adj.*	n.a.	n.a.	n.a.	n.a.	78.3 x	47.0 x	33.6 x
Dividend Yield	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
FCF Potential Yield (on market EV)	n.a.	n.a.	n.a.	6.1 %	6.5 %	8.9 %	11.2 %

*Adjustments made for: -

Consolidated profit & loss

In EUR m	2016	2017	2018	2019	2020e	2021e	2022e
Sales	39.0	42.1	45.3	83.9	128.0	145.0	165.0
Change Sales yoy	n.a.	8.0 %	7.6 %	85.2 %	52.6 %	13.3 %	13.8 %
Increase / decrease in inventory	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Own work capitalised	2.2	3.6	4.2	10.2	10.5	11.0	12.0
Total Sales	41.1	45.7	49.5	94.1	138.5	156.0	177.0
Material expenses	17.3	16.2	17.6	33.8	49.0	54.0	61.0
Gross profit	23.8	29.4	31.8	60.3	89.5	102.0	116.0
<i>Gross profit margin</i>	<i>61.1 %</i>	<i>70.0 %</i>	<i>70.3 %</i>	<i>71.8 %</i>	<i>69.9 %</i>	<i>70.3 %</i>	<i>70.3 %</i>
Personnel expenses	10.5	13.9	14.7	27.4	42.5	44.0	50.0
Other operating income	0.6	2.4	6.7	4.6	4.0	4.0	4.0
Other operating expenses	11.3	10.9	12.7	22.0	27.0	31.0	33.0
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	2.6	7.0	11.1	15.5	24.0	31.0	37.0
<i>Margin</i>	<i>6.8 %</i>	<i>16.7 %</i>	<i>24.4 %</i>	<i>18.5 %</i>	<i>18.8 %</i>	<i>21.4 %</i>	<i>22.4 %</i>
Depreciation of fixed assets	1.1	0.7	1.5	2.0	2.0	2.5	3.0
EBITA	1.6	6.3	9.6	13.5	22.0	28.5	34.0
Amortisation of intangible assets	11.7	9.7	7.0	8.5	12.0	14.0	15.5
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	-10.1	-3.4	2.6	5.0	10.0	14.5	18.5
<i>Margin</i>	<i>-25.9 %</i>	<i>-8.0 %</i>	<i>5.7 %</i>	<i>6.0 %</i>	<i>7.8 %</i>	<i>10.0 %</i>	<i>11.2 %</i>
EBIT adj.	-10.1	-3.4	2.6	5.0	10.0	14.5	18.5
Interest income	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Interest expenses	1.9	2.4	2.1	5.8	8.9	7.0	7.0
Other financial income (loss)	0.0	0.1	0.0	0.0	0.0	0.0	0.0
EBT	-12.0	-5.7	0.5	-0.8	1.1	7.5	11.5
<i>Margin</i>	<i>-30.8 %</i>	<i>-13.5 %</i>	<i>1.1 %</i>	<i>-0.9 %</i>	<i>0.8 %</i>	<i>5.2 %</i>	<i>7.0 %</i>
Total taxes	-2.9	-0.7	-1.1	-2.0	0.3	0.8	1.2
Net income from continuing operations	-9.1	-5.0	1.6	1.3	0.8	6.8	10.4
Income from discontinued operations (net of tax)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income before minorities	-9.1	-5.0	1.6	1.3	0.8	6.8	10.4
Minority interest	0.0	0.0	0.1	1.6	0.0	0.5	2.0
Net income	-9.1	-5.0	1.5	-0.3	0.8	6.3	8.4
<i>Margin</i>	<i>-23.4 %</i>	<i>-11.9 %</i>	<i>3.4 %</i>	<i>-0.4 %</i>	<i>0.6 %</i>	<i>4.3 %</i>	<i>5.1 %</i>
Number of shares, average	n.a.	n.a.	n.a.	64.1	98.5	117.1	117.1
EPS	n.a.	n.a.	n.a.	-0.01	0.01	0.05	0.07
EPS adj.	n.a.	n.a.	n.a.	-0.01	0.03	0.05	0.07

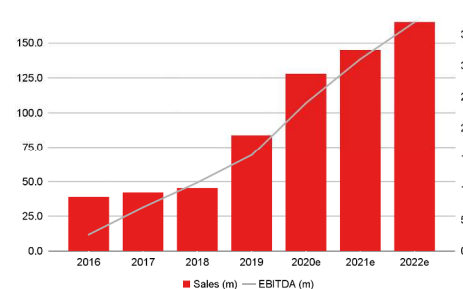
*Adjustments made for:

Guidance: EUR 125m to EUR 135m sales and EBITDA of EUR 23m to EUR 26m

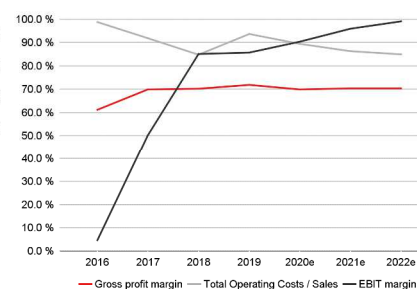
Financial Ratios

	2016	2017	2018	2019	2020e	2021e	2022e
Total Operating Costs / Sales	98.8 %	91.8 %	84.8 %	93.6 %	89.5 %	86.2 %	84.8 %
Operating Leverage	n.a.	-8.4 x	n.a.	1.1 x	1.9 x	3.4 x	2.0 x
EBITDA / Interest expenses	1.4 x	3.0 x	5.2 x	2.7 x	2.7 x	4.4 x	5.3 x
Tax rate (EBT)	24.3 %	11.9 %	-229.8 %	265.4 %	28.2 %	10.0 %	10.0 %
Dividend Payout Ratio	n.a.	n.a.	n.a.	0.0 %	0.0 %	0.0 %	0.0 %
Sales per Employee	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

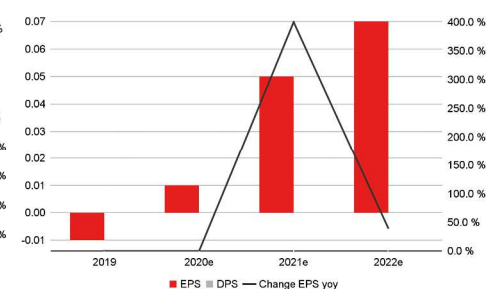
Sales, EBITDA in EUR m



Operating Performance in %



Performance per Share



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

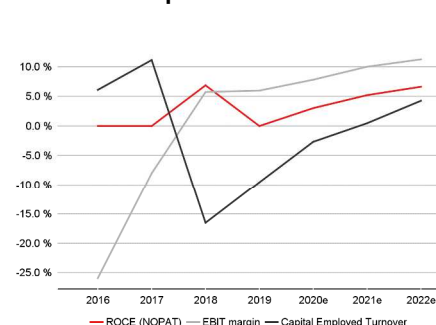
Consolidated balance sheet

In EUR m	2016	2017	2018	2019	2020e	2021e	2022e
Assets							
Goodwill and other intangible assets	51.1	47.5	204.1	233.2	241.2	242.2	242.7
thereof other intangible assets	22.0	16.7	66.7	85.9	88.9	89.9	90.4
thereof Goodwill	28.9	28.9	133.8	147.3	152.3	152.3	152.3
Property, plant and equipment	2.3	1.7	4.2	3.5	4.5	5.0	5.0
Financial assets	0.0	0.0	11.7	19.9	24.4	24.4	24.4
Other long-term assets	1.6	0.4	0.0	0.0	0.0	0.0	0.0
Fixed assets	55.1	49.5	220.0	256.6	270.1	271.6	272.1
Inventories	0.0	0.0	0.0	0.8	1.3	1.5	1.7
Accounts receivable	4.9	4.9	11.8	22.9	52.6	59.6	67.8
Liquid assets	2.8	1.0	4.4	33.0	77.9	92.9	102.6
Other short-term assets	10.1	11.4	0.0	-0.8	6.4	6.4	6.4
Current assets	17.8	17.3	16.3	55.9	138.1	160.4	178.4
Total Assets	72.9	66.8	236.3	312.4	408.3	432.0	450.6
Liabilities and shareholders' equity							
Subscribed capital	2.3	2.3	59.9	98.1	117.1	117.1	117.1
Capital reserve	48.2	48.2	4.3	0.0	78.5	78.5	78.5
Retained earnings	-18.6	-23.6	2.9	0.0	30.8	36.9	45.4
Other equity components	0.0	0.0	0.1	0.0	0.0	0.5	2.5
Shareholders' equity	31.9	26.8	67.2	98.1	226.3	233.0	243.4
Minority interest	0.0	-0.1	91.3	70.5	0.5	0.5	0.5
Total equity	31.9	26.7	158.5	168.6	226.8	233.5	243.9
Provisions	4.3	3.0	6.7	0.0	0.0	0.0	0.0
thereof provisions for pensions and similar obligations	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial liabilities (total)	27.1	27.1	42.6	89.3	100.0	110.0	110.0
thereof short-term financial liabilities	0.9	7.0	3.6	3.5	3.5	3.5	3.5
Accounts payable	6.8	7.2	9.2	18.4	52.6	59.6	67.8
Other liabilities	2.7	2.7	19.3	36.1	28.9	28.9	28.9
Liabilities	41.0	40.1	77.8	143.9	181.5	198.5	206.7
Total liabilities and shareholders' equity	72.9	66.8	236.3	312.4	408.3	432.0	450.6

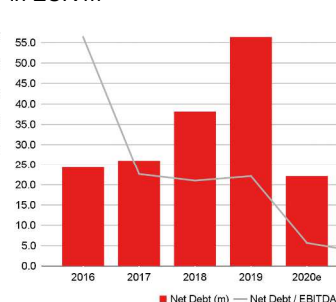
Financial Ratios

	2016	2017	2018	2019	2020e	2021e	2022e
Efficiency of Capital Employment							
Operating Assets Turnover	90.0 x	-65.8 x	6.6 x	9.5 x	22.0 x	22.2 x	24.5 x
Capital Employed Turnover	0.7 x	0.8 x	0.2 x	0.4 x	0.5 x	0.6 x	0.7 x
ROA	-16.6 %	-10.1 %	0.7 %	-0.1 %	0.3 %	2.3 %	3.1 %
Return on Capital							
ROCE (NOPAT)	n.a.	n.a.	6.8 %	n.a.	3.0 %	5.2 %	6.6 %
ROE	-57.2 %	-17.0 %	3.3 %	-0.4 %	0.5 %	2.7 %	3.5 %
Adj. ROE	-57.2 %	-17.0 %	3.3 %	-0.4 %	2.1 %	2.7 %	3.5 %
Balance sheet quality							
Net Debt	24.3	26.1	38.1	56.4	22.1	17.1	7.4
Net Financial Debt	24.3	26.1	38.1	56.4	22.1	17.1	7.4
Net Gearing	76.3 %	97.6 %	24.0 %	33.4 %	9.8 %	7.3 %	3.0 %
Net Fin. Debt / EBITDA	923.9 %	370.8 %	345.0 %	362.6 %	92.2 %	55.1 %	20.1 %
Book Value / Share	n.a.	n.a.	n.a.	1.4	1.9	2.0	2.1
Book value per share ex intangibles	n.a.	n.a.	n.a.	-1.9	-0.1	-0.1	0.0

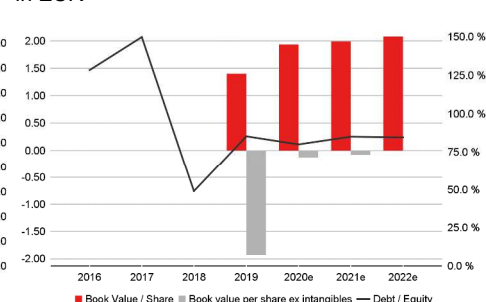
ROCE Development



Net debt in EUR m



Book Value per Share in EUR



Source: Warburg Research

Source: Warburg Research

Source: Warburg Research

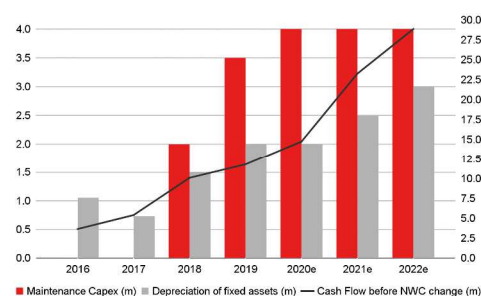
Consolidated cash flow statement

In EUR m	2016	2017	2018	2019	2020e	2021e	2022e
Net income	-9.1	-5.0	1.6	1.3	0.8	6.8	10.4
Depreciation of fixed assets	1.1	0.7	1.5	2.0	2.0	2.5	3.0
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	11.7	9.7	7.0	8.5	12.0	14.0	15.5
Increase/decrease in long-term provisions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other non-cash income and expenses	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cash Flow before NWC change	3.7	5.4	10.1	11.8	14.8	23.3	28.9
Increase / decrease in inventory	0.0	0.0	0.0	-0.8	-0.5	-0.2	-0.2
Increase / decrease in accounts receivable	0.0	0.0	0.0	-7.0	-29.7	-7.0	-8.2
Increase / decrease in accounts payable	0.0	0.0	0.0	12.2	34.2	7.0	8.2
Increase / decrease in other working capital positions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Increase / decrease in working capital (total)	0.0	0.0	0.0	4.4	4.0	-0.2	-0.2
Net cash provided by operating activities [1]	3.7	5.4	10.1	16.2	18.7	23.1	28.7
Investments in intangible assets	0.0	0.0	0.0	-11.0	-15.0	-15.0	-16.0
Investments in property, plant and equipment	0.0	0.0	-9.0	-2.0	-3.0	-3.0	-3.0
Payments for acquisitions	0.0	0.0	0.0	0.0	-15.0	0.0	0.0
Financial investments	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net cash provided by investing activities [2]	0.0	0.0	-9.0	-13.0	-33.0	-18.0	-19.0
Change in financial liabilities	0.0	0.0	0.0	16.4	10.7	10.0	0.0
Dividends paid	0.0	0.0	0.0	0.0	30.0	0.0	0.0
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	0.0	0.0	0.0	9.0	28.5	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net cash provided by financing activities [3]	0.0	0.0	0.0	25.4	69.2	10.0	0.0
Change in liquid funds [1]+[2]+[3]	3.7	5.4	1.1	28.6	54.9	15.1	9.7
Effects of exchange-rate changes on cash	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cash and cash equivalent at end of period	3.7	8.2	2.1	33.0	87.9	92.9	102.6

Financial Ratios

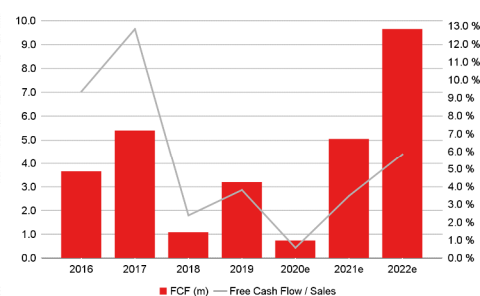
	2016	2017	2018	2019	2020e	2021e	2022e
Cash Flow							
FCF	3.7	5.4	1.1	3.2	0.7	5.1	9.7
Free Cash Flow / Sales	9.4 %	12.8 %	2.4 %	3.8 %	0.6 %	3.5 %	5.8 %
Free Cash Flow Potential	5.5	7.7	10.2	14.1	19.7	26.3	31.9
Free Cash Flow / Net Profit	-40.0 %	-108.1 %	69.8 %	-989.8 %	97.6 %	80.8 %	115.6 %
Interest Received / Avg. Cash	1.6 %	0.1 %	0.5 %	0.0 %	0.0 %	0.0 %	0.0 %
Interest Paid / Avg. Debt	14.1 %	8.7 %	6.1 %	8.7 %	9.4 %	6.7 %	6.4 %
Management of Funds							
Investment ratio	0.0 %	0.0 %	19.9 %	15.5 %	14.1 %	12.4 %	11.5 %
Maint. Capex / Sales	0.0 %	0.0 %	4.4 %	4.2 %	3.1 %	2.8 %	2.4 %
Capex / Dep	0.0 %	0.0 %	106.3 %	123.3 %	128.6 %	109.1 %	102.7 %
Avg. Working Capital / Sales	-2.4 %	-5.0 %	0.3 %	4.7 %	2.6 %	1.0 %	1.0 %
Trade Debtors / Trade Creditors	72.0 %	67.7 %	128.8 %	124.3 %	100.0 %	100.0 %	100.0 %
Inventory Turnover	n.a.	n.a.	n.a.	42.3 x	37.7 x	36.0 x	35.9 x
Receivables collection period (days)	46	42	95	100	150	150	150
Payables payment period (days)	143	162	190	199	392	403	406
Cash conversion cycle (Days)	n.a.	n.a.	n.a.	-90	-232	-243	-246

CAPEX and Cash Flow in EUR m



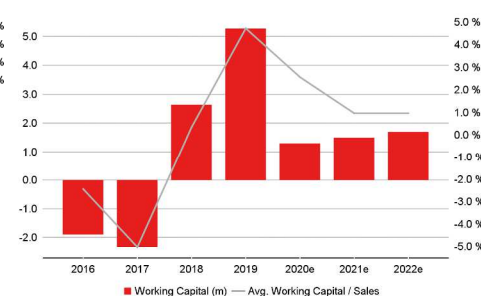
Source: Warburg Research

Free Cash Flow Generation



Source: Warburg Research

Working Capital



Source: Warburg Research

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Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)
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Investment recommendation: expected direction of the share price development of the financial instrument up to the given price target in the opinion of the analyst who covers this financial instrument.

-B-	Buy:	The price of the analysed financial instrument is expected to rise over the next 12 months.
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“-“	Rating suspended:	The available information currently does not permit an evaluation of the company.

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Rating	Number of stocks	% of Universe
Buy	129	63
Hold	60	29
Sell	8	4
Rating suspended	7	3
Total	204	100

WARBURG RESEARCH GMBH – ANALYSED RESEARCH UNIVERSE BY RATING ...

... taking into account only those companies which were provided with major investment services in the last twelve months.

Rating	Number of stocks	% of Universe
Buy	37	80
Hold	6	13
Sell	0	0
Rating suspended	3	7
Total	46	100

PRICE AND RATING HISTORY MEDIA AND GAMES INVEST PLC AS OF 18.01.2021



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