

Research report (Note)

Aspermont Ltd.



Growth even facing headwinds market conditions
Renowned top executive and management hiring
Forecast focus on return to double digit growth

Target Price: 0.08 AUD (0.05 EUR)
Previously: 0.10 AUD (0.07 EUR)

Rating: Buy

IMPORTANT NOTE:

Please take note of the disclaimer/risk warning, as well as the disclosure of potential conflicts of interest as required by section § 85 WpHG und Art. 20 MAR on page 12

Note on research as a "minor non-monetary benefit" according to the MiFID II regulation: This research meets the requirements for being classified as a "minor non-monetary benefit". For more information, see the disclosure under "I. Research under MiFID II"

Date and time of completion of this research: 21.06.2023 16:00

Date and time of first distribution: 22.06.2023 10:00

Transfer in the completion of this research: 21.06.2023 10:00

Target price valid until: max. 31.12.2023



Aspermont Ltd. 5a, 7, 11

Rating: Buy

Target price: 0.08 AUD

(0.05 EUR)

Current price: 0.016 06/06/2023 / ASX / 15:54 Currency: AUD

Master Data:

ISIN: AU000000ASP3 WKN: A0NGFS Stock exchange symbol: ASP Number of shares³: 2,431 Market cap³: 38.90 Enterprise value³: ³ in million / in AUD million

³ in million / in AUD million Free float: 25%

Primary listing: ASX Secondary listing: Frankfurt

Accounting Standard: IFRS

FY End: 30.09

Analysts:

Julien Desrosiers desrosiers@gbc-ag.de

Matthias Greiffenberger greiffenberger@gbc-ag.de

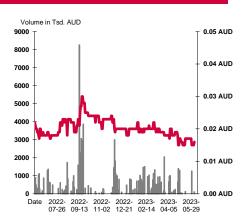
Company Profile

Sector: B2B Media

Focus: Mining, Energy, Agriculture, Technology

Corporate Headquarters in London, United Kingdom

Management: Alex Kent (Managing Director), Ajit Patel (COO), Nishil Khimasia (CFO), Matt Smith (CCO), Josh Robertson (CMO), Leah Thorne (Group People Director)



Aspermont Limited is the global leader of business-to-business (B2B) media for the resources industry. The company offers subscription-based content services in the mining, energy, agriculture, and technology sectors. Customers from all over the world use Aspermont's services. In addition, Aspermont Limited is a global leader in business-to-business marketing.

As a disruptive player in the B2B media market, Aspermont differentiates itself with its mediatech business model. The company boasts a debt-free status, generates free cash flow, and maintains a robust balance sheet. With 27 consecutive quarters of subscriptions growth and an exceptional senior leadership team, Aspermont is well-equipped to drive amplified growth across both established and new business units.

Aspermont Limited reported their HY-2023 results

in Mio. AUD	HY 2022	FY2022	HY 2023	FY2023e
Revenues	9.28	18.73	9.36	20.60
Gross margin	66.9%	64.2%	58.6%	63.6%
EBITDA	0.82	2.01	0.016	0.82
EBITDA margin	8.89%	10.7%	0.17%	4.05%
Net result	-0.29	1.89	0.06	0.26
Cash and cash equivalents	6.69	6.69	6.63	5.42

Key figures per share				
EPS	neg	0.00	neg	0.00
Dividend	0.00	0.00	0.00	0.00

Financial calendar			
11/2023	FY202 preliminary report		
12/2023	FY2023 annual report		

**last research by GBC:
Date: Publication / Target price in AUD / Rating
24/02/2023: RS / 0.10 / BUY
07/12/2022: RS / 0.11 / BUY
22/02/2022: RS / 0.11 / BUY
13/12/2021: RS / 0.09 / BUY

^{**} the above-mentioned research studies can be viewed at www.gbc-ag.de or requested from GBC AG, Halderstr. 27, D86150 Augsburg

^{*} List of possible conflicts of interest on page 13



EXECUTIVE SUMMARY

- Facing headwinds but growing. The revenues are up 1% YoY, reaching \$9.36m AUD. Revenues are in line with company's guidance.
- Increased net liquidity asset. The company has a net liquidity position of 4.4m, up from HY 2022 \$3.9m.
- **HY gross margin, lower but healthy.** The company's gross margin has decreased to 63.56% for the HY 2023.
- Privileged position. While the entire sector is seeing important diminution in publicity revenues and overall revenues, the company's revenues are still growing.
- **Accountable.** The company's guidance has proven right once again. The management has a core understanding of their business and market conditions.
- **Enviable Hiring.** The company continues to hire top talent from different bluechip companies, building a dream team. The fruit of this hiring should be borne soon enough with implementation and scaling of new and existing products.
- Operational Agility. Decentralised structure and scalable human resources for rapid launch or products while controlling investment risk as seen in the increase of their net asset liquidity.
- **Continued double digit growth.** The company guidance is to reach a double digit growth in revenues for the FY2023.
- Based on our DCF model, we maintain our Buy rating with a price target at 0.08
 AUD (0.05 EUR) (previously: 0.10 AUD (0.07 EUR)) per share.



BUSINESS DEVELOPMENT

Business activity

Company latest press releases

Date	Туре	Message
01.06.2023	Corporate news	Half-year financial results highlights
31.05.2023	Corporate news	Half-year financial results

Sources: Aspermont, GBC AG

On May 31st, the company published their HY2023 financial results. Aspermont's business performance in H1 has showcased resilience and growth amidst challenging market conditions, underscoring the company's strong position and optimistic outlook for FY23. Notably, the company achieved impressive double-digit growth in subscriptions revenue for the 27th consecutive quarter, a testament to its robust business model.

H1 Financial Highlights

- Total revenue: \$9.4 million, a 4% year-on-year increase on a constant currency hasis
- Subscriptions revenue: \$4.8 million, a 14% year-on-year growth.
- Gross margins: remained healthy despite contraction.
- Reported and normalised EBITDA: remained positive at \$0.1 million and \$0.7 million, respectively.
- Cash reserves: \$5.4 million, well above our 'black swan coverage' level of \$4 million.
- NPAT: \$0.3 million, saw a 49% year-on-year increase on a normalised basis.
- Net liquidity: \$4.4 million, saw 14% year-on-year growth.

Driven by ambition, Aspermont's management and operating teams are committed to achieving high levels of growth. Despite the challenges faced in H1, the company reported a 1% growth in total revenues (4% on a constant currency basis), with revenue momentum building in H2 2023.

The successful contribution of Content Works, highlighted by the Saudi Arabian media partnership, further validates the potential of this new business division. Aspermont's revenue momentum entering H2 is a positive sign, leading the company to maintain its current revenue guidance without any adjustments.

Aligned with the strategic vision outlined in the FY22 annual report, Aspermont has embarked on a progressive inward investment program. Projects such as Skywave, Esperanto, and archive digitalization are progressing, while key management appointments, including Josh Robertson as Chief Marketing Officer and Lindsay Santos as Group Head of Events, reinforce the company's commitment to expanding operational capacity.

Regardless of the challenging market landscape, Aspermont's performance in HY 2023 remained resilient, affirming its ability to deliver on prior full-year guidance. Their recurring revenues raise from 70% to 75% YonY clearly testifies on this resilience. The company approaches FY23 with cautious optimism, leveraging its strength and financial robustness to navigate the market challenges.



CORPORATE DEVELOPMENT

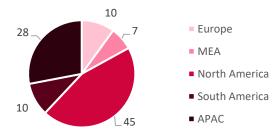
HY 2023 Key figures at a glance (in M AUD)

	HY 2022	FY 2022	HY 2023
Revenues	9.28	18.72	9.36
Cost of sales	-3.07	-6.69	-3.88
Gross revenues	6.20	12.0	5.48
Other expenses	-0.67	0.00	0.00
Distribution expenses	-0.29	-0.59	-0.16
Marketing expenses	-2.05	-4.29	-2.27
Occupancy expenses	0.00	0.00	0.00
Corporate and administration	-2.34	-5.12	-3.02
EBITDA	0.82	2.01	0.01
Depreciation	-0.50	0.00	-0.27
EBIT	0.32	2.01	-0.25
Other income	-0.14	0.19	0.98
Finance costs	0.03	-0,11	0.03
Other comprehensive income/(loss)	-0.12	0.50	-0.43
Share-based payment	-0.34	-0.57	-0,21
Profit before taxes	-0.25	2.01	0.10
Income tax	-0.04	-0.11	-0.04
Net result	-0.29	1.89	0.06
Revenues	9.28	18.72	9.36
Gross margin	66.8%	64.2%	58.5%
EBITDA	0.68	2.01	0.01
EBITDA margin	7.3%	10.7%	0.1%
EBIT	0.18	2.01	-0.25
EBIT margin	1.9%	10.7%	Neg
Net result	-0.29	1.89	0.06
Net margin	-3.1%	10.1%	0.7%
Sources: Aspermont GRC AG			

Sources: Aspermont, GBC AG

Aspermont's HY23 results for its different business segments reveal a mixed performance, with varying degrees of growth and decline. Understanding the underlying factors behind these results is crucial in assessing the company's overall business strategy and its ability to capitalize on market opportunities.

Board and Senior Management Contacts geographical location (in %)



Sources: Aspermont, GBC-AG



HY 2023 Revenues

Revenue (in AUD M)	HY 2022	HY 2023	Change
Content	4.2m	4.8m	+14%
Services	4.4m	4.3m	-3%
Data	0.7m	0.3m	-56%
Total revenues	9.3m	9.4m	+1%

Sources: Aspermont, GBC AG

Content (CaaS) revenue experienced a positive growth of 14% to reach \$4.8 million, driven by increasing renewal rates, net retention rates, and new business sales. This growth can be attributed to the successful implementation of Account-Based Marketing (ABM) strategies, which have not only increased the number of paid members but also enhanced average revenues per unit. This highlights the effectiveness of Aspermont's content offerings and its ability to generate consistent revenue streams from its target audience. Aspermont has a database of over eight million contacts present in 190 different countries.

Services (MaaS) revenue, on the other hand, declined by 3% to \$4.3 million. This decline was primarily influenced by a significant drop in digital advertising revenues, which can be attributed to general market volatility. However, it is important to note that this impact is expected to be temporary, and the H1 performance of the services division, including events and Content Works, remained strong. This indicates the resilience and potential for growth in these service offerings once market conditions stabilize.

The Data (DaaS) business segment faced a substantial decline in revenue, with a decrease of 56% to \$0.3 million. This decline can be attributed to the reorganization of Virtual Events & Exhibitions (VEE) revenues into the Services division, as well as the amalgamation of revenues between advertising and live events. Despite this decline, the B2B lead generation revenues in Data Works fared relatively better, although growth rates were lower than anticipated due to prevailing market conditions. Similar to the decline in Services revenue, this impact is expected to be temporary, suggesting the potential for recovery once market dynamics improve.

HY23 Financial Highlights

Period end 31st March	HY2023	HY2022	Improvement
Total revenue	\$9.4m	\$9.4m	+1%
Net liquidity	\$4.4m	\$3.9m	+14%

Sources: Aspermont, GBC-AG

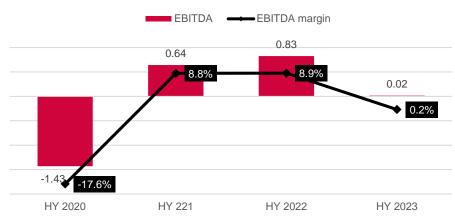
Aspermont's total revenue for HY23 remained stable at \$9.4 million, representing a modest increase of 1% compared to HY22. The growth in Content revenue demonstrates the effectiveness of Aspermont's CaaS business model, while the decline in Services and Data revenues highlights the temporary challenges faced in those segments. It is important to recognize that these challenges are not unique to Aspermont, as the wider market volatility and reorganization efforts have influenced the results.

Financially, Asperment faced some headwinds during this period. Revenue from continuing operations showed a modest increase of 1%, reaching \$9.4 million compared to the same period last year. It is important to note that, despite the challenging market environment, Asperment managed to maintain stable revenue growth, a testament to its ability to adapt and find opportunities.

While gross profit saw a decline of 12% (10% on a normalized basis), mainly due to planned operating expenditure investments and inflationary pressures, Aspermont maintains a positive Reported and Normalized EBITDA. The company's cash balances remained strong throughout the period, providing a solid foundation for future growth.



EBITDA (\$m) and EBITDA margin (%)



Sources: Aspermont, GBC AG

Net profit after tax from continuing operations, however, experienced a decline of 445%, resulting in a net loss of \$0.9 million. While this downturn is noteworthy, it is crucial to consider the various factors that contributed to this result. Aspermont has encountered certain challenges during this period, necessitating a closer examination of its strategic direction and operational efficiency.

Key Financial Information A\$'m HY 2023 Vs. HY 2022

	Change	AUS'm
Revenue continuing operations	1%	9.4
Net profit after tax arising from continuing operations	-445%	(0.9)
Net profit after tax attributable to equity holders of the parent entity	-445%	(0.9)
EBITDA	-94%	0.1
Net liquidity	14%	4.4

Sources: Aspermont, GBC-AG

EBITDA, reflecting the company's operational performance, experienced a decline of 94%, amounting to \$0.1 million. This decline is indicative of the pressures faced by Aspermont during this period, which required careful management and adaptation to changing market dynamics. While this decline is significant, it is important to note that EBITDA remained positive, highlighting the company's ability to generate profitability even in the face of adversity.

Net asset liquidity (\$m)



Sources: Aspermont, GBC-AG

Despite these challenges, Aspermont's net liquidity demonstrated resilience, increasing by 14% to reach \$4.4 million. This growth in net liquidity showcases the company's prudent



financial management and its ability to maintain a strong financial position. It also indicates the availability of sufficient resources to support future growth and navigate any unforeseen circumstances that may arise.

In terms of net tangible assets (NTA), Aspermont experienced a decline in net tangible asset backing per ordinary share, down 35% to (0.09) cents. While this decline is significant, it is important to consider the broader context and the company's overall strategy and growth potential. Aspermont has a proven track record of adapting to market conditions and capitalizing on opportunities, which should be taken into account when assessing its long-term value.

Aspermont's focus on building partnerships, such as the confirmed partnership with Saudi Arabia, demonstrates its commitment to expanding its global reach and leveraging opportunities in strategic markets. Additionally, the recent appointments of key personnel, including Ana Gyorkos as Group Content Director, Josh Robertson as Chief Marketing Officer, Graeme McCracken as Non-Executive Director, and Lindsay Santos as Group Head of Events, reinforce Aspermont's dedication to assembling a high-caliber team with diverse expertise.

In conclusion, Aspermont's financial results for the half-year ended 31 March 2023 reflect a period of challenges and adjustments. While some key financial indicators experienced declines, it is crucial to consider the broader context and the company's resilience in navigating these difficulties.



FORECASTS AND VALUATION

Revenue (in AUD M)	FY 2020	FY 2021	FY 2022	FY 2023e	FY2024e
Revenues	14.44	16.05	18.72	20.60	24.72
EBITDA	-0.83	0.82	2.01	0.82	1.80
EBITDA margin (%)	(105.78)	5.15	10.75	4.05	7.42
Net profit after tax	-0.84	0.14	1.89	0.26	1.31

Sources: Aspermont, GBC AG

Aspermont had identified six main objectives for FY2023:

- 1. **Revenue growth** in all income lines with strong double-digit growth in Subscriptions, DataWorks, ContentWorks and Live events
- 2. Expansion of senior leadership team and overall headcount
- Retraction in operating margins as we accelerate the development of operational capacity
- 4. **Retraction in EBITDA** and operating cashflow on a reported basis, but continued growth in both on a normalized basis
- Net cash balances to remain above \$4m to ensure we have protection from any 'black swan' events
- 6. First generation launches of Skywave, Esperanto and Archives

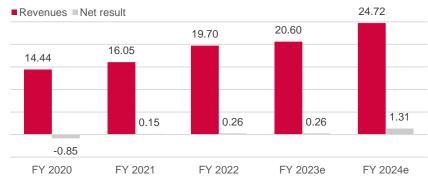
In view of the results posted by the company for the first half of 2023, the management is on track to reach all their guidance objectives by year's end. Aligned with the strategic vision outlined in the FY22 annual report, Aspermont has embarked on a progressive inward investment program. Projects such as Skywave, Esperanto, and archive digitalizations are progressing, while key management appointments, including Josh Robertson as Chief Marketing Officer and Lindsay Santos as Group Head of Events, reinforce the company's commitment to expanding operational capacity.

Despite the challenging market landscape, Aspermont's performance in H1 remained resilient, affirming its ability to deliver on prior full-year guidance. The company approaches FY23 with cautious optimism, leveraging its strength and financial robustness to navigate the market challenges.

Future earnings

Based on the company's guidance, we have lowered our current estimates for FY2023 and subsequent years.

Revenues (\$m) and Net revenues (\$m)



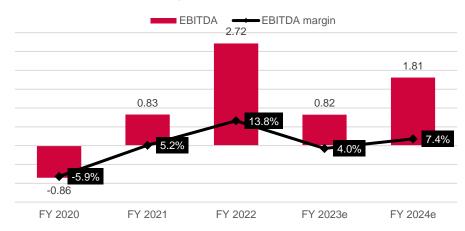
Sources: Aspermont, GBC AG

Overall, Aspermont's unique value proposition, combined with its ability to adapt to changing market dynamics, positions it well for future success. However, it will be essential



for the company to navigate the current challenges effectively, capitalize on its strengths, and seize emerging opportunities to drive revenue growth and enhance shareholder value.

EBITDA (\$m) and EBITDA margin



Sources: Aspermont, GBC AG

Aspermont's ability to address the temporary setbacks in Services and Data revenue, while continuing to leverage the growth opportunities in the Content segment, will be crucial for its long-term success. By adapting its strategies to capitalize on market trends, optimizing its offerings, and maintaining a strong customer base, Aspermont can position itself for sustainable growth and profitability in the SaaS sector.

Based on our analysis, we anticipate that the company will achieve double-digit sales growth for FY 2023. This positive trajectory is expected to contribute to a solid gross margin. Moreover, we forecast that the net results will reach \$0.263 million. This growth can be attributed to the recent recruitment of highly skilled and competent management personnel, who are well-equipped to maintain the company's growth strategy and restore financial performance to levels seen in previous years.

Aspermont's FY23 outlook remains optimistic, with higher growth expected in H2 2023. The company's financial strength, ongoing inward investment program, and operational capacity expansion position it for success. Aspermont's disruptive mediatech model, debt-free status, and consistent subscription revenue growth contribute to its undervalued status, presenting an opportunity to unlock further value for loyal shareholders.

Based on the company's guidance, we adjusted our current estimates for FY 2023 and subsequent years.

Looking ahead, we believe Aspermont is well-positioned to achieve higher growth in H2 2023. The company's strong financial position, coupled with the momentum building across various business units, sets the stage for continued progress.

We therefore maintain our Buy rating and adjusted our target to 0.08 AUD (0.05 EUR).



VALUATION

Model assumptions

Aspermont Limited was valued by us using a three-stage DCF model. Starting with the concrete estimates for the years 2023 to 2025 in phase 1, the forecast is made from 2026 to 2030 in the second phase by applying value drivers. We expect annual revenue growth of 30%. We have assumed a target EBITDA margin of 35.1%. We have considered a tax rate of 15% in phase 2. In the third phase, a residual value is also determined after the end of the forecast horizon using the perpetual annuity. In the terminal value, we assume a growth rate of 1%. The final of growth estimate was reduced to 1% to reflect the achieved maturity of the company reached in 2029 and forward.

Cost of capital

The weighted average cost of capital (WACC) of Aspermont Limited is calculated from the cost of equity and the cost of debt. To determine the cost of equity, the fair market premium, the company-specific beta and the risk-free interest rate must be calculated.

The risk-free interest rate is derived from current yield curves for risk-free bonds in accordance with the recommendations of the Fachausschuss für Unternehmensbewertungen und Betriebswirtschaft (FAUB) of the IDW. This is based on the zero bond interest rates published by the Deutsche Bundesbank using the Svensson method. The currently used value of the risk-free interest rate is 2.0%.

We use the historical market premium of 5.5% as a reasonable expectation of a market premium. This is supported by historical analyses of equity market returns. The market premium reflects the percentage by which the equity market is expected to yield better than low-risk government bonds.

According to the GBC estimation method, a beta of 2.57 is currently determined and remains unchanged from our last report.

Using the assumptions made, we calculate a cost of equity of 16.14% (beta multiplied by risk premium plus risk-free interest rate). Since we assume a sustainable weighting of 90% for the cost of equity, the weighted average cost of capital (WACC) is 15.28%.

Valuation result

Based on our DCF valuation model, we have maintained our Buy rating and adjusted our target price to AUD 0.08. Using an exchange rate of 0.6252 (as of 19-06-2023, 6:11am), we have a target price 0.05 EUR.



Valuation

Aspermont Ltd. - Discounted Cashflow (DCF) model scenario

Value driver of the DCF - model after estimate phase:

consistency - Phase	
Revenue growth	30.0%
EBITDA margin	35.1%
Depreciation to fixed assets	1.0%
Working Capital to revenue	-43.3%

final - Phase	
Eternal growth rate	1.0%
Eternal EBITA margin	35.0%
Effective tax rate in final phase	15.0%

Three phases DCF - Modell:									
Phase	estimate			consist	ency				final
in mAUD	FY 23e	FY 24e	FY 25e	FY 26e	FY 27e	FY 28e	FY 29e	FY 30e	Termina
Revenue	20.60	24.72	32.88	42.74	55.57	72.24	93.91	122.08	value
Revenue change	10.0%	20.0%	33.0%	30.0%	30.0%	30.0%	30.0%	30.0%	1.09
Revenue to fixed assets	72.03	78.58	92.49	106.41	122.41	140.83	162.02	186.39	
EBITDA	0.82	1.81	6.23	14.98	19.48	25.32	32.92	42.79	
EBITDA margin	4.0%	7.3%	19.0%	35.1%	35.1%	35.1%	35.1%	35.1%	
EBITA	0.82	1.81	6.23	14.98	19.47	25.32	32.91	42.78	
EBITA margin	4.0%	7.3%	19.0%	35.0%	35.0%	35.0%	35.0%	35.0%	35.0
Taxes on EBITA	-0.47	-0.31	-0.93	-2.25	-2.92	-3.80	-4.94	-6.42	
Taxes to EBITA	57.4%	17.1%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0
EBI (NOPLAT)	0.35	1.50	5.30	12.73	16.55	21.52	27.97	36.37	
Return on capital	-4.3%	-17.0%	-48.7%	-91.8%	-91.5%	-91.2%	-91.0%	-90.8%	-70.4
Working Capital (WC)	-9.11	-11.19	-14.23	-18.50	-24.04	-31.26	-40.63	-52.82	
WC to Revenue	-44.2%	-45.3%	-43.3%	-43.3%	-43.3%	-43.3%	-43.3%	-43.3%	
Investment in WC	0.61	2.08	3.04	4.27	5.55	7.21	9.38	12.19	
Operating fixed assets (OAV)	0.29	0.31	0.36	0.40	0.45	0.51	0.58	0.65	
Depreciation on OAV	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	
Depreciation to OAV	0.0%	0.0%	0.0%	1.0%	1.0%	1.0%	1.0%	1.0%	
Investment in OAV	-0.03	-0.03	-0.04	-0.05	-0.06	-0.06	-0.07	-0.08	
Capital employment	-8.82	-10.87	-13.87	-18.09	-23.59	-30.74	-40.05	-52.17	
EBITDA	0.82	1.81	6.23	14.98	19.48	25.32	32.92	42.79	
Taxes on EBITA	-0.47	-0.31	-0.93	-2.25	-2.92	-3.80	-4.94	-6.42	
Total investment	0.58	2.05	3.00	4.22	5.49	7.15	9.31	12.11	
Investment in OAV	-0.03	-0.03	-0.04	-0.05	-0.06	-0.06	-0.07	-0.08	
Investment in WC	0.61	2.08	3.04	4.27	5.55	7.21	9.38	12.19	
Investment in Goodwill	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Free cashflows	0.93	3.55	8.29	16.95	22.05	28.67	37.28	48.48	260.8

Value operating business (due date)	177.20	200.72
Net present value explicit free cashflows	80.77	89.55
Net present value of terminal value	96.43	111.17
Net debt	-7.71	-11.04
Value of equity	184.91	211.76
Minority interests	0.00	0.00
Value of share capital	184.91	211.76
Outstanding shares in m	2340.00	2340.00
Fair value per share in AUD	80.0	0.09
Fair value per share in EUR	0.05	0.06

a		WACC						
Capital		5.3%	10.3%	15.3%	20.3%	25.3%		
ပိ	-72.4%	0.30	0.13	0.08	0.06	0.05		
<u>е</u>	-71.4%	0.30	0.13	0.08	0.06	0.05		
	-70.4%	0.30	0.12	0.08	0.06	0.05		
Return	-69.4%	0.29	0.12	0.08	0.06	0.05		
ĕ	-68.4%	0.29	0.12	0.08	0.06	0.05		

Cost of capital:	
Risk free rate	2.0%
Market risk premium	5.5%
Beta	2.57
Cost of equity	16.1%
Target weight	90.0%
Cost of debt	10.0%
Taxshield	10.0%
Taxshield	25.0%
WACC	15.3%



ANNEX

I.

Research under MiFID II

- 1. There is a contract between the research company GBC AG and the issuer regarding the independent preparation and publication of this research report on the issuer. GBC AG is remunerated for this by the issuer.
- 2. The research report is simultaneously made available to all interested investment services companies.

II.

Section 1 Disclaimer and exclusion of liability

This document is intended solely for information purposes. All data and information in this study come from sources that GBC regards as reliable. In addition, the authors have taken every care to ensure that the facts and opinions presented here are appropriate and accurate. Nevertheless, no guarantee or liability can be accepted for their correctness – whether explicitly or implicitly. In addition, all information may be incomplete or summarised. Neither GBC nor the individual authors accept liability for any damage which may arise as the result of using this document or its contents, or in any other way in this connection.

We would also point out that this document does not constitute an invitation to subscribe to nor to purchase any securities and must not be interpreted in this way. Nor may it nor any part of it be used as the basis for a binding contract of any kind whatsoever. or be cited as a reliable source in this context. Any decision relating to the probable offer for sale of securities for the company or companies discussed in this publication should be taken solely on the basis of information in the prospectuses or offer documents which are issued in relation to any such offer.

GBC does not provide any guarantee that the indicated returns or stated target prices will be achieved. Changes to the relevant assumptions on which this document is based can have a material impact on the targeted returns. Income from investments is subject to fluctuations. Investment decisions should always be made with the assistance of an investment advisor. This document cannot replace the role of an advisor.

Sale outside the Federal Republic of Germany:

This publication, if sold in the UK. may only be made available to those persons who, in the meaning of the Financial Services Act 1986 are authorised and exempt, or persons as defined in section 9 (3) of the Financial Services Act 1986 (Investment Advertisement) (Exemptions) Decree 1988 (amended version) and must not be transmitted directly or indirectly to other persons or groups of persons.

Neither this document nor any copy of it may be taken into, transferred to or distributed within the United States of America or its territories and possessions. The distribution of this document in Canada, Japan or other jurisdictions may be restricted by law. and persons who come into possession of this publication should find out about any such restrictions and respect them. Any failure to respect these restrictions may represent a breach of the US, Canadian or Japanese securities laws or laws governing another jurisdiction.

By accepting this document, you accept all disclaimers of liability and the restrictions cited above.

You can find the details of this disclaimer/exclusion of liability at:

http://www.gbc-ag.de/de/Disclaimer

Legal information and disclosures as required by Section 85 of Securities Trading Act (WpHG) and Financial Analysis Directive (FinAnV)

This information can also be found on the internet at the following address:

http://www.gbc-ag.de/de/Offenlegung

Section 2 (I) Updates

A detailed update of the present analysis/analyses at any fixed date has not been planned at the current time. GBC AG reserves the right to update the analysis without prior notice.

Section 2 (II) Recommendation/ Classifications/ Rating

Since 1/7/2006, GBC AG has used a three-level absolute share rating system. Since 1/7/2007, these ratings have related to a time horizon of a minimum of six to a maximum of 18 months. Previously the ratings related to a time horizon of up to 12 months. When the analysis is published, the investment recommendations are defined based on the categories described below, including reference to the expected returns. Temporary price fluctuations outside of these ranges do not automatically lead to a change in classification but can result in a revision of the original recommendation.



The recommendations/ classifications/ ratings are linked to the following expectations:

BUY	The expected return, based on the derived target price, including dividend payments within the >= + 10%.
HOLD	The expected return, based on the derived target price, including dividend payments within the > - 10% and < + 10%.
SELL	The expected return, based on the calculated target price, including dividend payments withir horizon, is <= - 10%.

GBC AG's target prices are determined using the fair value per share, derived using generally recognised and widely used methods of fundamental analysis, such as the DCF process, peer-group benchmarking and/or the sum-of-the-parts process. This is done by including fundamental factors such as e.g. share splits, capital reductions, capital increases, M&A activities, share buybacks, etc.

Section 2 (III) Past recommendations

Past recommendations by GBC on the current analysis/analyses can be found on the internet at the following address: http://www.gbc-ag.de/de/Offenlegung.htm

Section 2 (IV) Information basis

For the creation of the present analysis/analyses publicly available information was used about the issuer(s) (where available, the last three published annual and quarterly reports, ad hoc announcements, press releases, share prospectuses, company presentations, etc.) which GBC believes to be reliable. In addition, discussions were held with the management of the company/companies involved, for the creation of this analysis/these analyses, in order to review in more detail the information relating to business trends.

Section 2 (V) 1, Conflicts of interest as defined in Section 85 of the Securities Trading Act (WpHG)

GBC AG and the analysts concerned hereby declare that the following potential conflicts of interest exist for the company/companies described. at the time of this publication, and in so doing meet the requirements of section 85 of the Securities Trading Act (WpHG). A detailed explanation of potential conflicts of interest is also listed in the catalogue of potential conflicts of interest under section 2 (V) 2.

In relation to the security or financial instrument discussed in this analysis the following possible conflict of interest exists: (5a, 7, 11)

Section 2 (V) 2, Catalogue of potential conflicts of interest

- (1) At the time of publication, GBC AG or a legal entity affiliated with it holds shares or other financial instruments in the company analysed or the financial instrument or financial product analysed.
- (2) This company holds over 3% of the shares in GBC AG or a legal person connected to them.
- (3) GBC AG or a legal person connected to them is a market maker or designated sponsor for the financial instruments of this company.
- (4) GBC AG or a legal person connected to them has, over the previous 12 months, organised or played a leading role in the public issue of financial instruments for this company.
- (5) a) GBC AG or a legal entity affiliated with it has concluded an agreement with this company or issuer of the analysed financial instrument in the previous 12 months on the preparation of research reports for a fee. Under this agreement, the draft financial analysis (excluding the valuation section) was made available to the issuer prior to publication.
- (5) b) After receiving valid amendments by the analysed company or issuer, the draft of this analysis was changed.
- (6) a) GBC AG or a legal entity affiliated with it has concluded an agreement with a third party in the previous 12 months on the preparation of research reports on this company or financial instrument for a fee. Under this agreement, the third party and/or company and/or issuer of the financial instrument has been given access to the draft analysis (excluding the valuation section) prior to publication.
- (6) b) After receiving valid amendments by the third party or issuer, the draft of this analysis was changed.
- (7) The analyst responsible for this report holds shares or other financial instruments of this company at the time of publication.
- (8) The analyst responsible for this company is a member of the company's Executive Board or Supervisory Board.
- (9) The analyst responsible for this report received or purchased shares in the company analysed by said analyst, prior to the time of publication.
- (10) GBC or a related legal party has closed an agreement with the underlying company regarding consulting services during the previous 12 months.
- (11) GBC or a related legal party has a significant financial interest in the analysed company, for example to get mandated by the analysed company or to provide any kind of services (such as the organization of fairs, roundtables, road shows, etc.).
- (12) At the time of the financial analysis, the analysed company is in a financial instrument or financial product (e.g. certificate, fund, etc.) managed or advised by GBC AG or its affiliated legal entity.



Section 2 (V) 3, Compliance

GBC has defined internal regulatory measures in order to prevent potential conflicts of interest arising or, where they do exist, to declare them publicly. Responsibility for the enforcement of these regulations' rests with the current Compliance Officer, Karin Jägg, Email: jaegg@gbc-ag.de

Section 2 (VI) Responsibility for report

The company responsible for the creation of this/these analysis/analyses is GBC AG, with registered office in Augsburg, which is registered as a research institute with the responsible supervisory authority (Federal Financial Supervisory Authority or BaFin Marie-Curie-Str. 24-28, 60439 Frankfurt, Germany).

GBC AG is currently represented by its board members Manuel Hölzle (Chairman) and Jörg Grunwald.

The analysts responsible for this analysis are:

Julien Desrosiers, Financial Analyst

Matthias Greiffenberger, M.Sc., M.A., Financial Analyst

Other person involved in this study:

Manuel Hölzle, Dipl. Kaufmann, Head of Research

Section 3 Copyright

This document is protected by copyright. It is made available to you solely for your information and may not be reproduced or distributed to any other person. Any use of this document outside the limits of copyright law shall, in principle, require the consent of GBC or of the relevant company, should the rights of usage and publication have been transferred.

GBC AG Halderstraße 27 D 86150 Augsburg Tel,: 0821/24 11 33-0 Fax: 0821/24 11 33-30

Internet: http://www.gbc-ag.de

E-mail: compliance@gbc-ag.de



GBC AG® -RESEARCH&INVESTMENTANALYSEN-

GBC AG Halderstraße 27 86150 Augsburg

Internet: http://www.gbc-ag.de Fax: ++49 (0)821/241133-30 Tel.: ++49 (0)821/241133-0

Email: office@gbc-ag.de