

# Schloss Wachenheim AG

Germany / Food & beverages Primary exchange: Frankfurt Bloomberg: SWA GR ISIN: DE0007229007

Q2 2021/22 results

RATING PRICE TARGET

BUY € 27.00

Return Potential 43.6% Risk Rating Medium

## STRONG PERFORMANCE IN CRUCIAL CHRISTMAS QUARTER

Q2 21/22 sales rose 12.5% to €132.7m (FBe: €127.8m; Q2 20/21: €117.9m and were 3.9% above our forecast due mainly to very strong organic sales growth (+21%) in East Central Europe. EBIT of €17.6m (FBe: €15.3m; Q1 20/21: €15.6m) was 15.5% above our forecast and benefitted from the recovery of exports from France due to easing of pandemic-related restrictions as well as the above-mentioned very buoyant activity in East Central Europe. The Christmas quarter customarily accounts for over half of SWA's full-year EBIT. On the basis of strong performance during the festive season, management has raised full-year guidance for EBIT to €26m-€28m (previously: €24m€26m) and for net profit before minorities to €18.5m-€20.5m (previously: €17m-€19m). We expect the impat of the Russian invasion of Ukraine on inflation and consumer sentiment to negatively affect H2 21/22 performance. However, the strength of the H1 numbers suggests to us that SWA will still be able to achieve management's new higher full-year guidance, and so we have revised up our own forecasts. We now see fair value for the SWA share at €27.0 (previously: €26.0) and maintain our Buy recommendation.

Private label sparkling wine sales drove German volume growth The number of bottles sold in Germany rose 2.7% to 27.8m (Q2 20/21: 27.1m) as rising volume of private label sparkling wine outweighed lower volume of SWA's own brands and of wine sold through the retail outlets Rindchen's Weinkontor and Vino Weinhandel. This change in product mix meant that volume outpaced sales, which were up only 0.1% at €43.6m (Q2 20/21: €43.5m). Segment gross profit was also little changed at €18.7m (Q2 20/21: €18.5m) but EBIT fell to €3.3m (Q2 20/21: €4.4m) due mainly to increased personnel costs which stemmed from higher salaries and also the insourcing of the wine retail operation's logistics function. (p.t.o.)

#### **FINANCIAL HISTORY & PROJECTIONS**

	2017/18	2018/19	2019/20	2020/21	2021/22E	2022/23E
Revenue (€m)	324.53	337.16	338.21	354.58	379.93	406.68
Y-o-y growth	9.6%	3.9%	0.3%	4.8%	7.1%	7.0%
EBIT (€m)	23.83	22.98	18.97	24.42	26.79	29.87
EBIT margin	7.3%	6.8%	5.6%	6.9%	7.1%	7.3%
Net income (€m)	11.12	10.89	7.62	10.43	11.92	13.61
EPS (diluted) (€)	1.40	1.38	0.96	1.32	1.50	1.72
DPS (€)	0.50	0.50	0.40	0.50	0.50	0.50
FCF (€m)	8.80	9.27	0.23	27.35	11.97	11.39
Net gearing	23.3%	20.9%	35.9%	26.8%	22.9%	20.0%
Liquid assets (€m)	7.76	9.53	6.02	7.68	3.80	4.07

#### RISKS

Risks to our price target include, but are not limited to: intensification of price pressure in Germany; currency volatility on the group's East Central Europe markets.

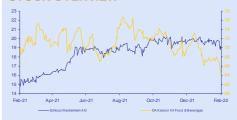
#### **COMPANY PROFILE**

Schloss Wachenheim AG is one of the world's largest producers of sparkling wine. The company is the number three producer in its home market of Germany (37% of 2020/21 group sales) and number one in France with a 40% market share. Some 41% of group sales are generated in East Central Europe through the 61%-owned subsidiary, Ambra.

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Multiples	2020/21	2021/22E	2022/23E
P/E	14.6	12.8	11.2
EV/Sales	0.6	0.6	0.5
EV/EBIT	8.8	8.0	7.2
Div. Yield	2.7%	2.7%	2.7%

### STOCK OVERVIEW



COMPANY DATA	As of 31 Dec 2021
Liquid Assets	€ 9.79m
Current Assets	€ 219.27m
Intangible Assets	€ 95.55m
Total Assets	€ 419.56m
Current Liabilities	€ 154.05m
Shareholders' Equity	€ 181.81m

#### **SHAREHOLDERS**

Günther Reh AG 70.1% Free float 29.9%



Figure 1: Q2 21/22 results versus our forecasts

€m	Q2 21/22A	Q1 21/22E	Δ	Q2 20/21A	Δ
Sales	132.7	127.8	3.9%	117.9	12.5%
by region					
Germany	43.6	46.0	-5.3%	43.5	0.1%
France	25.8	25.1	2.9%	22.4	15.3%
East Central Europe	66.0	59.5	11.0%	54.6	21.0%
Eliminations	-2.7	-2.8	n.a.	-1.7	n.a.
EBIT	17.6	15.3	15.5%	15.6	12.7%
margin (%)	13.3%	11.9%	-	13.2%	-
by region					
Germany	3.3	4.1	-19.2%	4.4	-24.2%
margin (%)	7.7%	9.0%	-	10.1%	-
France	2.5	1.0	146.5%	0.8	223.5%
margin (%)	9.5%	4.0%	-	3.4%	-
East Central Europe	11.7	10.1	15.9%	10.4	12.2%
margin (%)	17.8%	17.0%	-	19.1%	-
Other/eliminations	0.1	0.1	n.a.	0.0	n.a.
Net profit before minorities	13.6	11.8	15.5%	11.3	20.2%
Net profit after minorities	8.6	7.5	15.5%	7.1	22.0%
EPS (€)	1.09	0.95	15.5%	0.89	22.0%

Source: SWA; First Berlin Equity Research estimates

Export-led volume growth in France In France, volume jumped 14.9% to 17.3m bottles (Q2 20/21: 15.1m bottles) while sales rose 15.3% to €25.8m (Q2 20/21: €22.4m). Volume in France moved ahead slightly but the main growth driver was a recovery in the export business as pandemic-related restrictions eased. Exports account for around one third of segment volume. The most important markets are Russia, followed by the USA, Japan and Africa. The segment gross margin widened to 41.2% (Q2 20/21: 39.2%) while EBIT more than trebled to €2.5m (Q2 20/21: €0.8m).

21% organic sales growth in East Central Europe In East Central Europe, volume rose 15.9% to 40.3m bottles (Q2 20/21: 34.8m bottles) and sales increased 21.0% to €66.0m (Q2 20/21: €54.6m). Poland is the segment's most important market, accounting for 75% of sales, followed by Romania, the Czech Republic and Slovakia. A shift in the product mix (sparkling wine was among the fastest growing products on all markets) meant that sales outpaced volume. However, the gross margin narrowed slightly to 41.7% (Q2 20/21: 42.7%) and higher advertising, freight and personnel costs also squeezed the EBIT margin. EBIT came in at €11.7m (Q2 20/21: €10.4m) equating to amargin of 17.8% (Q2 20/21:19.1%).

End December 2021 net gearing at 27.5% (December 2020: 33.7%) Q2 20/21 cash flow before changes in working capital climbed 14.6% to €18.5m (Q2 20/21: €16.2m). Operating cashflow jumped 47.4% to €10.6m (Q2 20/21: €7.2m) due to the impact of higher payables and other current liabilities. Cash outflow from investing was little changed at €2.1m (Q2 20/21: €2.1m). Free cashflow came in at €8.4m (€5.1m). Dividend payments to SWA shareholders and minority shareholders in the Polish subsidiaries amounted to €8.0m (Q2 20/21: €5.3m). Net debt including pension liabilities rose during the quarter by €1.3m to €61.9m, equivalent to net gearing of 27.5% (Q2 20/21: net debt including pension liabilities of €71.0m and net gearing of 33.7%).

### Price target raised to €27.0 (previously: €26.0) andBuy recommendation maintained

SWA faces several challenges during the second half of the current financial year. In the wake of events in Ukraine, sanctions may weaken the economy in Russia, which is one of the group's most important export markets. In addition, the impact of the Russian invasion of Ukraine on already elevated energy prices may weaken consumer sentiment across all of the company's markets. Furthermore, the 2021 grape harvest was less plentiful than in 2019 and 2020 and raw wine prices have risen. During H2 21/22 SWA will implement price increases in order to pass these higher costs on to customers. Management has ample experience with raw wine price fluctuations and has successfully dealt with them in the past. However, the combined impact of rising prices for SWA's products and the reduction in consumers' disposable incomes due to energy price and general inflation is likely to negatively affect H2 21/22 performance. Nevertheless, the strength of the East Central Europe and France segments' H1 performance suggests to us that SWA will still be able to achieve management's new higher full-year guidance, so we have revised up our own forecasts. We now see fair value for the SWA share at €27.0 (previously: €26.0) and maintain our Buy recommendation.

Figure 2: Changes to our forecasts

		2021/22E			2022/23E	
All figures in €m	old	new	Δ	old	new	Δ
Sales	376.84	379.93	0.8%	402.84	406.68	1.0%
by region:						
Germany	135.79	132.36	-2.5%	142.58	137.66	-3.5%
France	88.75	88.93	0.2%	94.07	94.27	0.2%
East Central Europe	161.21	167.40	3.8%	175.72	184.14	4.8%
Eliminations	-8.92	-8.76	-	-9.53	-9.38	-
EBIT	25.95	26.79	3.2%	28.77	29.87	3.8%
Margin	6.9%	7.1%	-	7.1%	7.3%	-
by region:						
Germany	3.43	1.88	-45.4%	3.56	2.75	-22.8%
margin (%)	2.5%	1.4%	-	2.5%	2.0%	-
France	5.26	6.30	19.7%	6.11	6.60	7.9%
margin (%)	5.9%	7.1%	-	6.5%	7.0%	-
East Central Europe	17.48	18.71	7.1%	19.33	20.62	6.7%
margin (%)	10.8%	11.2%	-	11.0%	11.2%	-
Eliminations	-0.22	-0.10	n.a.	-0.26	-0.11	n.a.
Net profit before minorities	18.88	19.51	3.3%	21.09	21.98	4.2%
Net profit after minorities	11.79	11.92	1.1%	13.24	13.61	2.8%
EPS €	1.49	1.50	1.1%	1.67	1.72	2.8%

Source: First Berlin Equity Research estimates



## **DCF MODEL**

All figures in EUR 000s	2021/22E	2022/23E	2023/24E	2024/25E	2025/26E	2026/27E	2027/28E	2028/29E	2029/30E	FY 30/31E	FY 31/32E
Net sales	379,930	406,683	429,259	452,535	477,542	504,426	533,346	561,708	591,998	624,364	658,961
NOPLAT	20,626	22,998	24,359	26,472	28,352	30,388	29,996	30,847	32,866	35,036	37,366
+ depreciation & amortisation	-15,986	-17,112	-18,062	-19,042	-20,094	-21,225	-22,442	-23,635	-24,910	-26,272	-27,727
Net operating cash flow	36,612	40,111	42,421	45,514	48,446	51,613	52,438	54,482	57,776	61,307	65,094
- total investments (CAPEX and WC)	-23,666	-27,854	-32,121	-35,548	-37,827	-40,289	-42,950	-43,747	-46,390	-49,223	-52,261
Capital expenditures	-18,802	-21,060	-28,018	-29,725	-31,572	-33,565	-35,716	-36,653	-38,813	-41,127	-43,608
Working capital	-4,864	-6,793	-4,104	-5,822	-6,255	-6,724	-7,234	-7,094	-7,576	-8,095	-8,654
Free cash flows (FCF)	12,946	12,257	10,300	9,966	10,619	11,324	9,488	10,735	11,387	12,085	12,833
PV of FCF's	12,615	11,072	8,625	7,737	7,642	7,555	5,868	6,155	6,053	5,955	5,862

All figures in EUR 000s	
PV of FCFs in explicit period (2021/22-2034/35)*	107,064
PV of FCFs in terminal period	209,714
Enterprise value (EV)	316,778
Average net debt (most recent four quarters)	-59,084
Investments / minority interests	-43,854
Shareholder value	213 839

Fair value per share in EUR	27.00
WACC	7.9%
Cost of equity	9.7%
Pre-tax cost of debt	3.0%
Tax rate	23.0%
After-tax cost of debt	2.3%
Share of equity capital	70.0%
Share of debt capital	30.0%

	Terminal growth rate										
	0.5%	1.0%	1.5%	2.0%	2.5%	3.0%	3.5%				
6.4%	40.66	41.74	43.04	44.64	46.65	49.27	52.79				
6.9%	35.00	35.68	36.49	37.47	38.67	40.19	42.15				
7.4%	30.25	30.66	31.14	31.71	32.40	33.25	34.31				
7.9%	26.22	26.44	26.70	27.00	27.36	27.79	28.32				
8.4%	22.77	22.86	22.96	23.08	23.23	23.39	23.60				
8.9%	19.79	19.79	19.79	19.79	19.79	19.79	19.78				
9.4%	17.20	17.13	17.06	16.98	16.89	16.78	16.65				
2024/25											

Price target in EUR 27.00 9.4%
\*for layout purposes the model shows numbers only to 2031/32 but runs until 2034/35



## **INCOME STATEMENT**

25 February 2022

All figures in €000s	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22E	FY 22/23E
Revenues	296,062	324,527	337,159	338,212	354,584	379,930	406,683
Change in inventories	257	3,341	107	240	-1,959	0	0
Cost of materials	-169,778	-190,920	-191,505	-192,653	-198,789	-214,280	-231,809
Gross Profit	126,541	136,948	145,761	145,799	153,836	165,649	174,874
Other operating income	4,582	7,994	3,981	5,117	4,323	4,632	4,958
Personnel expenses	-43,593	-50,249	-53,303	-56,274	-60,225	-65,000	-68,500
Depreciation	-7,844	-9,171	-9,447	-14,401	-15,151	-15,986	-17,112
Other operating expenses	-57,505	-61,694	-64,016	-61,272	-58,359	-62,509	-64,352
Operating Income (EBIT)	22,181	23,828	22,976	18,969	24,424	26,786	29,868
Associates	-6	-1	-27	0	77	0	0
Net interest income	-1,102	-1,554	-1,291	-1,818	-1,509	-1,452	-1,327
Pretax profit (EBT)	21,073	22,273	21,658	17,151	22,992	25,335	28,541
Taxes	-5,361	-5,900	-5,657	-4,160	-5,339	-5,827	-6,565
Net profit before minorities	15,712	16,373	16,001	12,991	17,653	19,508	21,977
Minorities	-4,211	-5,258	-5,111	-5,376	-7,227	-7,591	-8,367
Net attributable profit	11,501	11,115	10,890	7,615	10,426	11,916	13,610
EPS (€)	1.45	1.40	1.38	0.96	1.32	1.50	1.72
EBITDA	30,025	32,999	32,423	33,370	39,575	42,773	46,980
Ratios							
Gross margin	42.7%	42.2%	43.2%	43.1%	43.4%	43.6%	43.0%
EBITDA margin on revenues	10.1%	10.2%	9.6%	9.9%	11.2%	11.3%	11.6%
EBIT margin on revenues	7.5%	7.3%	6.8%	5.6%	6.9%	7.1%	7.3%
Net margin on revenues	5.3%	5.0%	4.7%	3.8%	5.0%	5.1%	5.4%
Tax rate	25.4%	26.5%	26.1%	24.3%	23.2%	23.0%	23.0%
Expenses as % of revenues							
Personnel costs	-14.7%	-15.5%	-15.8%	-16.6%	-17.0%	-17.1%	-16.8%
Depreciation	-2.6%	-2.8%	-2.8%	-4.3%	-4.3%	-4.2%	-4.2%
Other operating expenses	-19.4%	-19.0%	-19.0%	-18.1%	-16.5%	-16.5%	-15.8%
Y-Y Growth							
Revenues	1.0%	9.6%	3.9%	0.3%	4.8%	7.1%	7.0%
Operating income	9.1%	7.4%	-3.6%	-17.4%	28.8%	9.7%	11.5%
Net profit before minorities	16.0%	-100.0%	-2.3%	-18.8%	35.9%	10.5%	12.7%



## **BALANCE SHEET**

All figures in €000s	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22E	FY 22/23E
<u>Assets</u>							
Current assets, total	155,088	172,510	175,357	179,512	179,147	185,838	198,924
Cash and cash equivalents	5,700	7,760	9,531	6,015	7,680	3,799	4,067
Other receivables and short-term assets	5,508	7,349	7,861	6,854	9,093	9,743	10,429
Trade accounts and notes receivables	56,362	58,697	53,563	51,427	53,753	57,595	61,651
Inventories	87,518	98,704	104,402	115,216	108,621	114,701	122,778
Non-Current Assets, total	158,818	165,328	170,751	193,261	198,884	201,259	205,287
Property, plant and equipment	72,431	70,292	75,744	92,659	97,513	98,022	100,044
Goodwill + intangible assets	78,557	89,145	88,862	93,469	96,082	98,388	100,314
Other financial assets	5,654	5,403	5,051	3,795	3,709	3,709	3,709
Deferred taxes + prepaid expenses	481	488	1,094	1,822	1,580	1,140	1,220
Long term assets for sale	1,695	0	0	1,516	0	0	0
Total Assets	313,906	337,838	346,108	372,773	378,031	387,097	404,212
Shareholders' equity & debt							
Current Liabilities, total	97,782	104,645	109,987	117,850	115,034	116,535	120,943
Current provisions	3,020	3,846	4,425	5,661	7,422	7,873	8,343
Short-term financial debt	28,221	25,265	28,099	40,319	28,849	24,269	22,265
Trade payables	37,434	41,423	44,185	41,498	44,734	47,932	51,307
Prepayments, deferred charges & other liabilities	29,107	34,111	33,278	30,372	34,029	36,461	39,029
Long term liabilities, total	32,443	41,626	34,197	50,704	48,003	40,591	39,270
Long-term financial debt	20,982	24,470	20,886	36,705	34,121	29,757	27,852
Pension accruals and similar liabilities	2,970	2,750	2,763	2,396	2,405	2,549	2,702
Other long-term debt	804	4,919	1,063	1,590	1,095	1,173	1,256
Deferred taxes	7,687	9,487	9,485	10,013	10,382	7,111	7,460
Shareholders' equity	152,431	158,571	165,950	167,773	174,547	181,933	187,593
Minority interests	31,250	32,996	35,974	36,446	40,447	48,038	56,406
Total shareholders' equity & debt	313,906	337,838	346,108	372,773	378,031	387,097	404,212
Ratios							
Current ratio (x)	1.59	1.65	1.59	1.52	1.56	1.59	1.64
Quick ratio (x)	0.69	0.71	0.65	0.55	0.61	0.61	0.63
Financial leverage (including pension liabilities)	25.3%	23.3%	20.9%	35.9%	26.8%	22.9%	20.0%
Book value per share (€)	19.25	20.02	20.95	21.18	22.04	22.97	23.68
Net debt (including pension liabilities)	46,473	44,725	42,217	73,405	57,695	52,776	48,752
Return on equity (ROE)	6.5%	5.9%	5.5%	3.7%	5.0%	5.4%	5.7%

Schloss Wachenheim AG



## **CASH FLOW STATEMENT**

25 February 2022

All figures in €000s	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22E	FY 22/23E
Net profit before minorities	15,712	16,373	16,001	12,991	17,653	19,508	21,977
Depreciation and amortisation	7,844	9,171	9,447	14,401	15,151	15,986	17,112
Change in working capital	-662	-3,128	1,230	-13,229	10,867	-4,864	-6,793
Other	1,775	-1,659	345	-1,204	-1,015	144	153
Operating cash flow	24,669	20,757	27,023	12,959	42,656	30,775	32,449
CAPEX	-14,838	-15,049	-18,092	-13,183	-18,165	-18,802	-21,060
Fixed asset sales	565	3,095	337	458	2,862	0	0
Investing cash flow	-14,273	-11,954	-17,755	-12,725	-15,303	-18,802	-21,060
Free cash flow	10,396	8,803	9,268	234	27,353	11,973	11,389
Change in financial liabilities	-1,602	-479	-750	2,883	-19,377	-8,944	-3,910
Dividends to shareholders	-3,406	-3,802	-3,960	-3,960	-3,168	-3,960	-3,960
Dividends to susbidiaries of minorities	-2,657	-2,920	-2,601	-2,950	-3,048	-2,950	-3,251
Other	0	209	0	0	0	0	0
Financing cash flow	-7,665	-6,992	-7,311	-4,027	-25,593	-15,854	-11,121
Change in cash	2,731	1,811	1,957	-3,793	1,760	-3,881	268
Consolidation; exchange rate effects	-173	249	-186	277	-95	0	0
Liquid funds, start of the year	3,142	5,700	7,760	9,531	6,015	7,680	3,799
Liquid funds, end of the year	5,700	7,760	9,531	6,015	7,680	3,799	4,067
Free cash flow per share (€)	1.31	1.11	1.17	0.03	3.45	1.51	1.44
Y-Y growth							
Operating cash flow	58.1%	-15.9%	30.2%	-52.0%	229.2%	-27.9%	5.4%
Free cash flow	322.6%	-15.3%	5.3%	-97.5%	11589.3%	-56.2%	-4.9%
Financial cash flow	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.



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#### PRICE TARGET DATES

Unless otherwise indicated, current prices refer to the closing prices of the previous trading day.

#### AGREEMENT WITH THE ANALYSED COMPANY AND MAINTENANCE OF OBJECTIVITY

The present financial analysis is based on the author's own knowledge and research. The author prepared this study without any direct or indirect influence exerted on the part of the analysed company. Parts of the financial analysis were possibly provided to the analysed company prior to publication in order to avoid inaccuracies in the representation of facts. However, no substantial changes were made at the request of the analysed company following any such provision.

#### **ASSET VALUATION SYSTEM**

First Berlin's system for asset valuation is divided into an asset recommendation and a risk assessment.

#### **ASSET RECOMMENDATION**

The recommendations determined in accordance with the share price trend anticipated by First Berlin in the respectively indicated investment period are as follows:

Category		1	2	
Current market capitalisation (in €)		0 - 2 billion	> 2 billion	
Strong Buy <sup>1</sup>	An expected favourable price trend of:	> 50%	> 30%	
Buy	An expected favourable price trend of:	> 25%	> 15%	
Add	An expected favourable price trend of:	0% to 25%	0% to 15%	
Reduce	An expected negative price trend of:	0% to -15%	0% to -10%	
Sell	An expected negative price trend of:	< -15%	< -10%	

<sup>&</sup>lt;sup>1</sup> The expected price trend is in combination with sizable confidence in the quality and forecast security of management.

Our recommendation system places each company into one of two market capitalisation categories. Category 1 companies have a market capitalisation of  $\in 0 - \in 2$  billion, and Category 2 companies have a market capitalisation of  $> \in 2$  billion. The expected return thresholds underlying our recommendation system are lower for Category 2 companies than for Category 1 companies. This reflects the generally lower level of risk associated with higher market capitalisation companies.

#### **RISK ASSESSMENT**

The First Berlin categories for risk assessment are low, average, high and speculative. They are determined by ten factors: Corporate governance, quality of earnings, management strength, balance sheet and financial risk, competitive position, standard of financial disclosure, regulatory and political uncertainty, strength of brandname, market capitalisation and free float. These risk factors are incorporated into the First Berlin valuation models and are thus included in the target prices. First Berlin customers may request the models.

#### **RECOMMENDATION & PRICE TARGET HISTORY**

Report No.:	Date of publication	Previous day closing price	Recommendation	Price target
Initial Report	19 July 2007	€10.00	Hold	€10.75
246	$\downarrow$	$\downarrow$	<b>↓</b>	<b>↓</b>
47	27 February 2020	€15.55	Buy	€20.30
48	15 May 2020	€12.40	Buy	€18.90
49	28 September 2020	€15.70	Buy	€20.00
50	18 November 2020	€15.30	Buy	€20.00
51	19 February 2021	€14.80	Buy	€21.00
52	17 May 2021	€16.60	Buy	€22.00
53	28 September 2021	€19.40	Buy	€25.00
54	15 November 2021	€20.20	Buy	€26.00
55	Today	€18.80	Buy	€27.00

#### **INVESTMENT HORIZON**

Unless otherwise stated in the financial analysis, the ratings refer to an investment period of twelve months.



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At the time of publication of this financial analysis it is not certain whether, when and on what occasion an update will be provided. In general First Berlin strives to review the financial analysis for its topicality and, if required, to update it in a very timely manner in connection with the reporting obligations of the analysed company or on the occasion of ad hoc notifications.

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#### Legally required information regarding

- key sources of information in the preparation of this research report
- valuation methods and principles
- sensitivity of valuation parameters

can be accessed through the following internet link: https://firstberlin.com/disclaimer-english-link/

SUPERVISORY AUTHORITY: Bundesanstalt für Finanzdienstleistungsaufsicht (German Federal Financial Supervisory Authority) [BaFin], Graurheindorferstraße 108, 53117 Bonn and Marie-Curie-Straße 24-28, 60439 Frankfurt am Main

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