

Pharming Group NV

Netherlands / Biotechnology

Primary exchange: Euronext Amsterdam / Secondary exchange: Frankfurt

Bloomberg: PHARM NA ISIN: NL0010391025 Preliminary 2019 results

RATING BUY
PRICE TARGET € 2.00

Return Potential 81.0% Risk Rating High

MARKET SHARE GAINS SPUR STRONG 2019 PERFORMANCE

Market share gains from leading competitors Takeda and CSL Behring helped Pharming to post increases in sales and EBIT of 25.1% and 60.3% respectively in 2019. Ruconest's strong market position among more severely affected hereditary angioedema (HAE) patients as well as its increasing use for treatment of breakthrough attacks suffered by patients using prophylactic therapies suggest that growth will remain robust this year. Meanwhile, Pharming has started capacity expansion of its production platform to possibly a multiple of its current size to cater to growing demand from HAE patients as well as, conditional on regulatory approval, the requirements of indications such as acute kidney injury, preeclampsia and Pompe disease. We maintain our Buy recommendation and price target of €2.00.

US Dollar strength boosted product sales Pharming's 2019 results showed a 25.1% increase in revenue to €169.0m (2018: €135.1m) while EBIT climbec 60.3% to €60.9m (2018: €38.0m). Both revenue and EBIT were dose to our estimates. The increase in revenue was driven by a 28.5% increase in US product sales to €162.7m (€126.6m) which in turn wæ boosted by a ca. 5% increase in the USD:EUR exchange rate. In local currency terms US product sales climbed 22.0% to USD182.2m (2018: USD149.3m). Product sales in Europe fell back to €4.9m (2018: €7.7m) due in part to revenue clawbacks on direct sales made by Pharming in France.

Pharming gained market share in 2019 The market leader in HAE therapy is Takeda, which, as figure 2 overleaf shows, generated HAE sales of over USD1.3bn in calendar 2019. However, this number was down 23% on the prior year. Strong growth in Takeda's prophylactic product, Takhzyro, launched in Q3 2018, cannibalised sales of longer established products in the company's HAE portfolio and also failed to compensate for the acute product Firazyr going off patent in July 2019. Pharming's second largest competitor in HAE is CSL Behring. (p.t.o.)

FINANCIAL HISTORY & PROJECTIONS

	2016	2017	2018	2019P	2020E	2021E
Revenue (€m)	15.87	89.62	135.13	169.02	216.20	221.55
Y-o-y growth	46.6%	464.6%	50.8%	25.1%	27.9%	2.5%
EBIT (€m)	-11.54	21.91	37.99	60.91	69.25	72.49
EBIT margin	-72.7%	24.4%	28.1%	36.0%	32.0%	32.7%
Net income (€m)	-17.54	-76.25	24.99	36.20	50.90	53.46
EPS (diluted) (€)	-0.04	-0.15	0.04	0.05	0.08	0.08
DPS (€)	0.00	0.00	0.00	0.00	0.00	0.00
FCF (€m)	-67.48	32.17	36.61	40.38	40.10	45.57
Net gearing	131.5%	142.0%	-13.2%	-15.9%	-22.1%	-28.1%
Liquid assets (€m)	31.89	58.66	80.31	66.30	164.04	188.57

RISKS

The main risks to our price target include slower sales growth for Ruconest in the EU and the US than we currently model.

COMPANY PROFILE

Pharming develops and produces therapeutic proteins through a bioreactor recombinant technology platform. Lead drug Ruconest received EMA approval in 2010 and FDA approval in July 2014.

MARKET DATA	As of 06 Mar 2020
Closing Price	€ 1.11
Shares outstanding	633.73m
Market Capitalisation	€ 700.27m
52-week Range	€ 0.72 / 1.62
Avg. Volume (12 Months)	10 146 273

Multiples	2019P	2020E	2021E
P/E	20.5	13.7	13.0
EV/Sales	4.0	3.2	3.1
EV/EBIT	11.2	9.9	9.4
Div. Yield	0.0%	0.0%	0.0%

STOCK OVERVIEW



COMPANY DATA	As of 31 Dec 2019
Liquid Assets	€ 66.30m
Current Assets	€ 107.57m
Intangible Assets	€ 78.31m
Total Assets	€ 238.92m
Current Liabilities	€ 110.46m
Shareholders' Equity	€ 104.68m

SHAREHOLDERS

Goldman Sachs Group Inc.	3.0%
Polar Capital Partners Ltd.	2.9%
FMR LLC	2.9%
Deutsche Bank	2.7%
Free float and other	88.5%

Figure 1: FY/19 results versus our forecasts

€m	FY 19A	Consensus	% ∆	2019 FBe	% ∆	FY 18A	% ∆
Sales	169.0	170.5	-0.9%	170.9	-1.1%	135.1	25.1%
EBIT	60.9	56.8	7.2%	59.6	2.3%	37.99	60.3%

Source: First Berlin Equity Research estimates, Pharming Group NV, Bloomberg

CSL Behring does not break out exact revenue figures for its HAE products Berinert (acute treatment) and Haegarda (prophylaxis), but in its H1 report (to end December) the company stated that Berinert sales showed "modest growth" while sales of Haegarda (launched mid-2017) "grew modestly". Pharming's revenues rose by over 20% y-o-y during calendar H2/19. Ruconest's 2019 sales growth was partly attributable to its increasing use to counter breakthrough attacks suffered by users of the new prophylaxis therapies.

Figure 2: Calendar 2019 Takeda HAE product sales vs. 2018

USD m	FY 19	FY 18	% ∆
Firazyr	268	773	-65.4%
Takhzyro	538	62	773.2%
Kalbitor	42	71	-40.2%
Cinryze	201	445	-54.9%
Total	1,049	1,354	-22.5%

Source: Takeda

Gross margin widened in 2019 Pharming's gross margin widened to 87.4% in 2019 (2018: 83.6%) mainly due to the absence in 2019 of the large volumes of free vials which were issued in 2018 to patients unable to get their normal medication from competitors due to shortages. Robust sales growth meant that operating costs fell as a percentage of sales to 51.6% (2018: 56.0%) while its components all increased in absolute terms (R&D:+14.1%; General & Admin:+17.3%, marketing:+15.6%). Main R&D projects were preparation and initiation of the studies of rhC1INH in preeclampsia and acute kidney injury, development of more convenient versions of Ruconest and preparation and production of α -glucosidase for Pompe disease and α -galactosidase for Fabry disease.

Figure 3: Expected pipeline newsflow

H1 20	Start phase II trial in acute kidney injury
H2 20	Pre-eclampsia phase I/II trial safety component read-out
Q2 21	Completion of leniolisib phase II/III trial
H1 21	Start clinical studies of new delivery methods Full read-out on phase I/II trial in pre-eclampsia
Q4 21	IND filing in Pompe disease
H2 21	Read-out on acute kidney injury phase II trial
2021	Read-out on investigator-initiated study in delayed graft function
H1 22	Start phase I/II trial in Pompe disease
2022	Launch of leniolisib subject to market approval
2024	Start phase I/II trial in Fabry disease

Source: Pharming Group NV

Change in Pompe disease clinical development plan Figure 3 shows our expectation of future product pipeline newsflow. According to the 2019 preliminary results report, the acute kidney trial is expected to start over "the next couple of months". The last time we published a pipeline newsflow forecast in October last year, we pencilled in the filing of the IND (investigational new drug) application in Pompe disease for Q4 2020. Management now expects the IND application in this indication to be filed "towards the end of 2021". This is a consequence of a change in the clinical development plan, which now incorporates a multiple ascending dose phase Ib/II trial. The new plan requires a larger amount of α -glucosidase but will finish at the same time as the previous plan which stipulated a single dose phase I.

Expected launch date for APDS drug put back to mid-2022 Last August Pharming acquired an exclusive license to CDZ173 for the treatment of APDS (Activated Phosphoinositide 3-kinase Delta Syndrome) from Novartis. In February Novartis, who are sponsoring a registration-enabling pivotal study of CDZ173, announced that the study is now expected to complete in June 2021 versus the previous schedule of July 2020. This in turn has caused Pharming to put back the expected launch date for the drug (if approved) from H2 2021/H1 2022 to mid-2022.

End February cash position was €149.2m In January Pharming issued a €125m fiveyear 3.0% coupon bond convertible into its shares at €2.00. The proceeds of the issue allowed the refinancing of the USD56m (€50m) loan outstanding with Orbimed and the balance will be used to grow the company's production capacity and strengthen its product pipeline and marketing capabilities. The Orbimed loan had an effective interest rate of over 13% and so the new bond reduces Pharming's cost of debt by over 75%. In early 2020 Pharming also made an initial €5.5m payment to Sobi (Swedish Orphan Biovitrum AB) for the commercial rights to Ruconest in the remaining 36 of the original 60 countries for which Sobi had the marketing rights. It also paid the second USD20m milestone to Bausch (formerly Valeant). The company's cash position at the end of February was €149.2m.

Capacity expansion Pharming has completed the set-up of a second transgenic rabbit farm to meet growing demand for Ruconest. This farm recently came on line following EMA and FDA approval. The building of a third farm, which is expected to cost €2-3m, is expected to start soon. Pharming is also considering building a fourth farm. If Pharming gains approval for new larger indications such as acute kidney injury, preeclampsia and Pompe disease, demands placed on its production platform may outstrip current capacity several fold. Against this background the company is revisiting cattle as a source of manufacturing material. Pharming has also started work on a new downstream processing plant (purification, virus inactivation/removal, concentration, formulation) which will double the capacity currently available to it. The new facility is expected to cost several tens of millions of euros.

Buy recommendation and €2.00 price target maintained We have made only minor changes to our forecasts for 2020, 2021 and subsequent years. Given that we have not yet included CDZ173 in our valuation model, the delay in this project has no impact on our price target which remains at €2.00. We maintain our Buy recommendation.

Figure 4: Pipeline valuation

Compound	Project ¹⁾	Present Value	Patient Pop	Treatment Cost	Market Size	Market Share	Peak Sales	Gross margin	Discount Factor	Patent Life ²⁾	Time to Market
Ruconest (EU)	HAE-AA	€22.8M	4K	€ 43,478	€174M	15%	€12M	62%	0%	16	-
Ruconest (US)	HAE-AA	€1,517.2M	4K	€ 225,330	€901M	20%	€31 4 M	88%	10%	12	-
Ruconest (EU)	HAE-PR	€5.2M	1K	€ 86,957	€87M	10%	€10M	62%	12%	4	5 years
Ruconest (US)	HAE-PR	€284.5M	2K	€ 463,768	€723M	15%	€152M	8 %	12%	5	4 years
rhαGLU (EU+US)	Pompe	€511.9M	3K	€ 260,870	€826M	30%	€684M	85%	2%	18	4 years
PV of gross profits	3	€2,341.6M			€2,712M		€1,172M				
Costs PV		€995.4M									
PV after costs		€1,346.2M									
Contingent consid	leration	€39.2M									
Net cash (pro-form	na)	€37.3M									
Fair Value		€1,344.3M									
Share Count (fully	diluted, PV)	671,846K									
Fair value per sha	re	€ 2.00									

¹⁾ A project typically refers to a specific indication or, where necessary or relevant, a combination between indication and geographic market

Source: First Berlin Equity Research estimates

²⁾ Remaining patent life in years after point of approval



All figures in EUR '000	2016A	2017A	2018A	2019P	2020E	2021E
Revenues	15,873	89,620	135,130	169,022	216,200	221,548
Costs of sales	-4,683	-12,445	-22,180	-21,355	-31,598	-30,261
Gross profit	11,190	77,175	112,950	147,667	184,602	191,287
Other income	335	790	684	435	400	400
Research and development	-15,388	-18,657	-28,882	-32,940	-47,000	-48,741
General and administrative	-4,642	-5,974	-12,221	-14,341	-16,950	-17,281
Marketing and sales	-3,035	-31,422	-34,539	-39,914	-51,800	-53,172
Operating income (EBIT)	-11,540	21,912	37,992	60,907	69,252	72,494
Net financial result	-5,996	-107,601	-37,135	-14,228	-3,939	-3,954
Pre-tax income (EBT)	-17,536	-85,689	857	46,679	65,312	68,540
Income taxes	0	9,442	24,136	-10,484	-14,416	-15,079
Minority interests	0	0	0	0	0	0
Net income / loss	-17,536	-76,247	24,993	36,195	50,896	53,461
Diluted EPS	-0.04	-0.15	0.04	0.05	80.0	0.08
EBITDA	-10,784	25,327	40,342	64,757	73,102	76,344
Ratios						
Gross margin on revenues	70.5%	86.1%	83.6%	87.4%	85.4%	86.3%
EBITDA margin on revenues	n.m.	28.3%	29.9%	38.3%	33.8%	34.5%
EBIT margin on revenues	n.m.	24.4%	28.1%	36.0%	32.0%	32.7%
Net margin on revenues	n.m.	n.m.	18.5%	21.4%	23.5%	24.1%
Expenses as % of revenues						
Cost of sales	29.5%	13.9%	16.4%	12.6%	14.6%	13.7%
Research and development	96.9%	20.8%	21.4%	19.5%	21.7%	22.0%
General and administrative	29.2%	6.7%	9.0%	8.5%	7.8%	7.8%
Marketing and sales	19.1%	35.1%	25.6%	23.6%	24.0%	24.0%
Y-Y Growth						
Revenues	46.6%	464.6%	50.8%	25.1%	27.9%	2.5%
Operating income	n.m.	n.m.	73.4%	60.3%	13.7%	4.7%
Net income/ loss	n.m.	n.m.	n.m.	44.8%	40.6%	5.0%



BALANCE SHEET

Current assets, total 62,190 88,251 115,440 107,573 216,231 242,672 Cash and cash equivalents 31,889 58,657 80,311 66,239 164,036 181,672 Receivables 12,286 11,266 17,314 62,286 73,488 518,657 Receivables 17,941 18,334 17,315 14,467 18,505 18,963 Chercurent assets, total 64,593 77,939 99,129 131,349 148,375 160,944 Property, plant & equipment 6,043 8,244 8,402 8,553 19,026 32,232 Right of use assets 0 0 0 0 0 5,979 6,486 62,03 Cher current assets, total 64,593 77,939 99,129 131,349 148,375 160,944 Froperty, plant & equipment 6,043 8,244 8,402 8,553 19,026 32,232 Right of use assets 0 0 0 0 0 5,979 6,486 62,03 Cher current assets 0 0 0 0 0 5,979 6,486 62,03 Cher current assets 0 0 9,442 35,082 30,933 30,	All figures in EUR '000	2016A	2017A	2018A	2019P	2020E	2021E
Cash and cash equivalents 31,889 58,657 80,311 66,299 164,036 18,872 Receivables 12,360 11,260 17,814 26,007 34,289 55,138 Inventories 17,941 18,334 17,315 14,467 14,607 13,538 Ohrecurrent assets 0 0 0 0 0 0 Non-current assets, total 64,593 77,393 99,129 131,349 148,075 160,064 Property, Pant A equipment 6,643 8,234 8,002 8,553 19,026 33,232 Right of use assets 0 0 0 0 0 0 0 0 Long term prepayments 1,622 2,296 2,006 0<	<u>Assets</u>						
Receivables 12,360	Current assets, total	62,190	88,251	115,440	107,573	216,831	242,672
Inventories	Cash and cash equivalents	31,889	58,657	80,311	66,299	164,036	188,572
Other current assets, total 64,593 77,939 99,129 131,349 148,375 160,084 Property, plant & equipment 6,043 8,234 8,402 8,553 19,026 33,232 Right of use assets 0 0 0 5,979 6,686 6,203 Long term prepayments 1,822 2,296 2,006 0	Receivables	12,360	11,260	17,814	26,807	34,289	35,138
Non-current assets, total 64,893 77,939 99,129 131,349 148,375 160,964 Property, plant & equipment 6,043 8,234 8,402 8,553 190,26 33,232 Right of use assets 0 0 0 5,979 6,486 6,00 Long term prepayments 1,622 2,286 2,006 0 0 0 0 0 0 0 0 0 0 0 0 0 6,033 30,933 30,933 30,933 30,933 30,933 30,933 30,933 30,933 30,933 30,933 80,930 81,309 61,030 7,019 60,000 60,000 6,103 7,019 60,000 2,288 2,261 2,261 2,261 <t< td=""><td>Inventories</td><td>17,941</td><td>18,334</td><td>17,315</td><td>14,467</td><td>18,505</td><td>18,963</td></t<>	Inventories	17,941	18,334	17,315	14,467	18,505	18,963
Property, plant & equipment 6,043 8,234 8,402 8,553 19,026 33,323 Right of use assets 0 0 0 5,779 6,486 6,203 Long term prepayments 1,622 2,266 2,006 0 0 0 0 Deferred tax assets 0 9,442 35,082 30,933 30,933 30,933 Investments accounted for using the equity method 0 0 0 5,307 6,103 7,019 Goodwill & other intangibles 56,680 56,513 1,245 7,208 8,268 12,688 1	Other current assets	0	0	0	0	0	0
Right of use assets	Non-current assets, total	64,593	77,939	99,129	131,349	148,375	160,964
Comparime prepayments	Property, plant & equipment	6,043	8,234	8,402	8,553	19,026	33,232
Defermed tax assetts	Right of use assets	0	0	0	5,979	6,486	6,203
Investments accounted for using the equity method	Long term prepayments	1,622	2,296	2,006	0	0	0
Goodwill & other intangibles 66,680 56,631 52,435 78,309 83,599 81,309 Restricted cash 248 1,336 1,204 2,268 2,268 2,268 Total assets 126,783 166,190 214,569 238,922 365,206 403,638 Shareholders' equity & debt Current liabilities, total 51,378 60,743 82,599 110,456 59,697 61,028 Debt 26,136 22,398 35,235 45,590 0 0 0 Contract liabilities 943 804 800 0 0 0 0 Derivative financial liabilities 9,982 10,080 228 268 228 268 28 28 70 0 0 Irrade and other payables 14,054 27,198 28,589 44,817 57,326 58,745 58,745 58,745 58,745 59,745 67,322 2,102 2,102 2,102 2,102 2,102 2,102 2,102 <td>Deferrred tax assets</td> <td>0</td> <td>9,442</td> <td>35,082</td> <td>30,933</td> <td>30,933</td> <td>30,933</td>	Deferrred tax assets	0	9,442	35,082	30,933	30,933	30,933
Restricted cash 248 1,336 1,204 2,268 2,268 2,268 Total assets 126,783 166,190 214,569 238,922 365,206 403,636 Shareholders' equity & debt Current liabilities, total 51,378 60,743 82,599 110,456 59,697 61,028 Debt 26,136 22,398 35,235 45,590 0 <t< td=""><td>Investments accounted for using the equity method</td><td></td><td>0</td><td>0</td><td>*</td><td>6,103</td><td>7,019</td></t<>	Investments accounted for using the equity method		0	0	*	6,103	7,019
Total assets 126,783 166,190 214,569 238,922 365,206 403,636 Shareholders' equity & debt Current liabilities, total 51,378 60,743 82,599 110,456 59,697 61,028 Debt 26,136 22,398 35,235 45,590 0 0 0 Contract liabilities 943 804 800 0 0 0 0 Derivative financial liabilities 9,982 10,080 228 268 268 268 Trade and other payables 14,054 27,198 28,589 44,817 57,326 58,745 Finance lease liabilities 263 263 263 1,946 2,102 2,016 0 <td< td=""><td>_</td><td></td><td>56,631</td><td>52,435</td><td></td><td>83,559</td><td>81,309</td></td<>	_		56,631	52,435		83,559	81,309
Shareholders' equity & debt Current liabilities, total 51,378 60,743 82,599 110,456 59,697 61,028 Debt 26,136 22,338 35,235 45,590 0 0 Contract liabilities 943 804 800 0 0 0 Derivative financial liabilities 9,982 10,080 228 268 268 268 Trade and other payables 14,054 27,198 28,589 44,817 57,326 58,745 Finance lease liabilities 263 263 263 1,946 2,102 2,015 Other financial liabilities 263 283 263 1,946 2,102 2,015 Other financial liabilities 0 0 17,484 17,835 0 0 Deferred tax liabilities 44,938 89,337 70,219 23,787 149,138 131,861 Deferred tax liabilities 22,270 1,467 667 0 0 0 0	Restricted cash	248	1,336	1,204	2,268	2,268	2,268
Current liabilities, total 51,378 60,743 82,599 110,456 59,697 61,028 Debt 26,136 22,398 35,235 45,590 0 0 Contract liabilities 943 804 800 0 0 0 Derivative financial liabilities 9,982 10,080 228 268 268 268 Trade and other payables 14,054 27,198 28,589 44,817 57,326 58,745 Finance lease liabilities 263 263 263 1,946 2,102 2,015 Other financial liabilities 0 0 17,484 17,835 0 0 Longterm liabilities, total 47,938 89,337 70,219 23,787 149,138 131,861 Debt 40,395 59,161 37,267 0 125,000 125,000 Deferred tax liabilities 2,277 1,467 667 0 0 0 0 Contract liabilities 2,274 1,467	Total assets	126,783	166,190	214,569	238,922	365,206	403,636
Debt 26,136 22,398 35,235 45,590 0 0 Contract liabilities 943 804 800 0 0 0 Derivative financial liabilities 9,982 10,080 228 268 268 268 Trade and other payables 14,054 27,198 28,589 44,817 57,326 58,745 Finance lease liabilities 263 263 263 1,946 2,102 2,015 Other financial liabilities 0 0 17,484 17,835 0 0 Longterm liabilities, total 47,938 89,337 70,219 23,787 149,138 131,861 Debt 40,395 59,161 37,267 0 125,000 125,000 Deferred tax liabilities 0 0 87 2,343 2,343 2,343 Contract liabilities 599 390 164 4,363 4,714 4,518 Other financial liabilities 0 0 0 0	Shareholders' equity & debt						
Contract liabilities 943 804 800 0 0 0 Derivative financial liabilities 9,982 10,080 228 268 268 268 Trade and other payables 14,054 27,198 28,589 44,817 57,326 58,745 Finance lease liabilities 263 263 263 1,946 2,102 2,015 Other financial liabilities 0 0 17,484 17,835 0 0 0 Longtern liabilities, total 47,938 89,337 70,219 23,787 149,138 131,861 Debt 40,395 59,161 37,267 0 125,000 125,000 Deferred tax liabilities 0 0 87 2,343 2,343 2,343 Contract liabilities 2,270 1,467 667 0 0 0 Other financial liabilities 4,674 28,319 32,034 17,081 17,081 0 Minority interests 0 0 0<	Current liabilities, total	51,378	60,743	82,599	110,456	59,697	61,028
Derivative financial liabilities 9,982 10,080 228 268 268 268 Trade and other payables 14,054 27,198 28,589 44,817 57,326 58,745 Finance lease liabilities 263 263 263 1,946 2,102 2,015 Other financial liabilities 0 0 17,484 17,835 0 0 Longtern liabilities, total 47,938 89,337 70,219 23,787 149,138 131,861 Debt 40,395 59,161 37,267 0 125,000 125,000 Deferred tax liabilities 2,270 1,467 667 0 0 0 Finance lease liabilities 599 390 164 4,363 4,714 4,518 Other financial liabilities 4,674 28,319 32,034 17,081 17,081 0 Minority interests 0 0 0 0 0 0 0 0 Shareholders' equity 27,467	Debt	26,136	22,398	35,235	45,590	0	0
Trade and other payables 14,054 27,198 28,589 44,817 57,326 58,745 Finance lease liabilities 263 263 263 1,946 2,102 2,015 Other financial liabilities 0 0 17,484 17,835 0 0 Longterm liabilities, total 47,938 89,337 70,219 23,787 149,138 131,861 Debt 40,395 59,161 37,267 0 125,000 125,000 Deferred tax liabilities 0 0 87 2,343 2,343 2,343 Contract liabilities 599 390 164 4,363 4,714 4,518 Other financial liabilities 4,674 28,319 32,034 17,081 17,081 0 Minority interests 0 0 0 0 0 0 0 Shareholders' equity 27,467 16,110 61,751 104,679 156,371 210,748 Total consolidated equity and debt 126,783	Contract liabilities	943	804	800	0	0	0
Finance lease liabilities 263 263 263 263 1,946 2,102 2,015 Other financial liabilities 0 0 17,484 17,835 0 0 Longterm liabilities, total 47,938 89,337 70,219 23,787 149,138 131,861 Debt 40,395 59,161 37,267 0 125,000 125,000 Deferred tax liabilities 0 0 87 2,343 2,343 2,343 Contract liabilities 2,270 1,467 667 0 0 0 Finance lease liabilities 599 390 164 4,363 4,714 4,518 Other financial liabilities 4,674 28,319 32,034 17,081 17,081 0 Minority interests 0 0 0 0 0 0 0 Shareholders' equity 27,467 16,110 61,751 104,679 156,371 210,748 Total consolidated equity and debt 126,78	Derivative financial liabilities	9,982	10,080	228	268	268	268
Other financial liabilities 0 0 17,484 17,835 0 0 Longterm liabilities, total 47,938 89,337 70,219 23,787 149,138 131,861 Debt 40,395 59,161 37,267 0 125,000 125,000 Deferred tax liabilities 0 0 87 2,343 2,343 2,343 Contract liabilities 2,270 1,467 667 0 0 0 Finance lease liabilities 599 390 164 4,363 4,714 4,518 Other financial liabilities 4,674 28,319 32,034 17,081 17,081 0 Minority interests 0 0 0 0 0 0 0 Shareholders' equity 27,467 16,110 61,751 104,679 156,371 210,748 Total consolidated equity and debt 126,783 166,190 214,569 238,922 365,206 403,636 Ratios <	Trade and other payables	14,054	27,198	28,589	44,817	57,326	58,745
Longterm liabilities, total 47,938 89,337 70,219 23,787 149,138 131,861 Debt 40,395 59,161 37,267 0 125,000 125,000 Deferred tax liabilities 0 0 87 2,343 2,343 2,343 Contract liabilities 599 390 164 4,363 4,714 4,518 Other financial liabilities 4,674 28,319 32,034 17,081 17,081 0 Minority interests 0 0 0 0 0 0 0 Shareholders' equity 27,467 16,110 61,751 104,679 156,371 210,748 Total consolidated equity and debt 126,783 166,190 214,569 238,922 365,206 403,636 Ratios Current ratio (x) 1,21 1,45 1,40 0,97 3,63 3,98 Quick ratio (x) 0,86 1,15 1,19 0,84 3,32 3,67 Net gearing 128,4%	Finance lease liabilities	263	263	263	1,946	2,102	2,015
Debt 40,395 59,161 37,267 0 125,000 125,000 Deferred tax liabilities 0 0 87 2,343 2,343 2,343 Contract liabilities 2,270 1,467 667 0 0 0 Finance lease liabilities 599 390 164 4,363 4,714 4,518 Other financial liabilities 4,674 28,319 32,034 17,081 17,081 0 Minority interests 0 0 0 0 0 0 0 Shareholders' equity 27,467 16,110 61,751 104,679 156,371 210,748 Total consolidated equity and debt 126,783 166,190 214,569 238,922 365,206 403,636 Current ratio (x) 1.21 1.45 1.40 0.97 3.63 3.98 Quick ratio (x) 0.86 1.15 1.19 0.84 3.32 3.67 Net gearing 128.4% 137.9% -13.9%	Other financial liabilities	0	0	17,484	17,835	0	0
Deferred tax liabilities 0 0 87 2,343 2,343 2,343 Contract liabilities 2,270 1,467 667 0 0 0 Finance lease liabilities 599 390 164 4,363 4,714 4,518 Other financial liabilities 4,674 28,319 32,034 17,081 17,081 0 Minority interests 0 0 0 0 0 0 0 0 Shareholders' equity 27,467 16,110 61,751 104,679 156,371 210,748 Total consolidated equity and debt 126,783 166,190 214,569 238,922 365,206 403,636 Current ratio (x) 1.21 1.45 1.40 0.97 3.63 3.98 Quick ratio (x) 0.86 1.15 1.19 0.84 3.32 3.67 Net gearing 128.4% 137.9% -13.9% -15.9% -22.1% -28.1% Book value per share (€) 0.06 <td< td=""><td>Longterm liabilities, total</td><td>47,938</td><td>89,337</td><td>70,219</td><td>23,787</td><td>149,138</td><td>131,861</td></td<>	Longterm liabilities, total	47,938	89,337	70,219	23,787	149,138	131,861
Contract liabilities 2,270 1,467 667 0 0 0 Finance lease liabilities 599 390 164 4,363 4,714 4,518 Other financial liabilities 4,674 28,319 32,034 17,081 17,081 0 Minority interests 0 0 0 0 0 0 0 0 Shareholders' equity 27,467 16,110 61,751 104,679 156,371 210,748 Total consolidated equity and debt 126,783 166,190 214,569 238,922 365,206 403,636 Ratios Current ratio (x) 1.21 1.45 1.40 0.97 3.63 3.98 Quick ratio (x) 0.86 1.15 1.19 0.84 3.32 3.67 Net gearing 128.4% 137.9% -13.9% -15.9% -22.1% -28.1% Book value per share (€) 0.06 0.03 0.10 0.17 0.25 0.33	Debt	40,395	59,161	37,267	0	125,000	125,000
Finance lease liabilities 599 390 164 4,363 4,714 4,518 Other financial liabilities 4,674 28,319 32,034 17,081 17,081 0 Minority interests 0 0 0 0 0 0 0 0 Shareholders' equity 27,467 16,110 61,751 104,679 156,371 210,748 Total consolidated equity and debt 126,783 166,190 214,569 238,922 365,206 403,636 Ratios Current ratio (x) 1.21 1.45 1.40 0.97 3.63 3.98 Quick ratio (x) 0.86 1.15 1.19 0.84 3.32 3.67 Net gearing 128.4% 137.9% -13.9% -15.9% -22.1% -28.1% Book value per share (€) 0.06 0.03 0.10 0.17 0.25 0.33 Net debt 35,256 22,219 -8,586 -16,668 -34,488 -59,306 <	Deferred tax liabilities	0	0	87	2,343	2,343	2,343
Other financial liabilities 4,674 28,319 32,034 17,081 17,081 0 Minority interests 0 0 0 0 0 0 0 Shareholders' equity 27,467 16,110 61,751 104,679 156,371 210,748 Total consolidated equity and debt 126,783 166,190 214,569 238,922 365,206 403,636 Ratios Current ratio (x) 1.21 1.45 1.40 0.97 3.63 3.98 Quick ratio (x) 0.86 1.15 1.19 0.84 3.32 3.67 Net gearing 128,4% 137.9% -13.9% -15.9% -22.1% -28.1% Book value per share (€) 0.06 0.03 0.10 0.17 0.25 0.33 Net debt 35,256 22,219 -8,586 -16,668 -34,488 -59,306	Contract liabilities	2,270	1,467	667	0	0	0
Minority interests 0	Finance lease liabilities	599	390	164	4,363	4,714	4,518
Shareholders' equity 27,467 16,110 61,751 104,679 156,371 210,748 Total consolidated equity and debt 126,783 166,190 214,569 238,922 365,206 403,636 Ratios Current ratio (x) 1.21 1.45 1.40 0.97 3.63 3.98 Quick ratio (x) 0.86 1.15 1.19 0.84 3.32 3.67 Net gearing 128.4% 137.9% -13.9% -15.9% -22.1% -28.1% Book value per share (€) 0.06 0.03 0.10 0.17 0.25 0.33 Net debt 35,256 22,219 -8,586 -16,668 -34,488 -59,306	Other financial liabilities	4,674	28,319	32,034	17,081	17,081	0
Ratios Current ratio (x) 1.21 1.45 1.40 0.97 3.63 3.98 Quick ratio (x) 0.86 1.15 1.19 0.84 3.32 3.67 Net gearing 128.4% 137.9% -13.9% -15.9% -22.1% -28.1% Book value per share (€) 0.06 0.03 0.10 0.17 0.25 0.33 Net debt 35,256 22,219 -8,586 -16,668 -34,488 -59,306	Minority interests	0	0	0	0	0	0
Ratios Current ratio (x) 1.21 1.45 1.40 0.97 3.63 3.98 Quick ratio (x) 0.86 1.15 1.19 0.84 3.32 3.67 Net gearing 128.4% 137.9% -13.9% -15.9% -22.1% -28.1% Book value per share (€) 0.06 0.03 0.10 0.17 0.25 0.33 Net debt 35,256 22,219 -8,586 -16,668 -34,488 -59,306	Shareholders' equity	27,467	16,110	61,751	104,679	156,371	210,748
Ratios Current ratio (x) 1.21 1.45 1.40 0.97 3.63 3.98 Quick ratio (x) 0.86 1.15 1.19 0.84 3.32 3.67 Net gearing 128.4% 137.9% -13.9% -15.9% -22.1% -28.1% Book value per share (€) 0.06 0.03 0.10 0.17 0.25 0.33 Net debt 35,256 22,219 -8,586 -16,668 -34,488 -59,306							
Current ratio (x) 1.21 1.45 1.40 0.97 3.63 3.98 Quick ratio (x) 0.86 1.15 1.19 0.84 3.32 3.67 Net gearing 128.4% 137.9% -13.9% -15.9% -22.1% -28.1% Book value per share (€) 0.06 0.03 0.10 0.17 0.25 0.33 Net debt 35,256 22,219 -8,586 -16,668 -34,488 -59,306	Total consolidated equity and debt	126,783	166,190	214,569	238,922	365,206	403,636
Current ratio (x) 1.21 1.45 1.40 0.97 3.63 3.98 Quick ratio (x) 0.86 1.15 1.19 0.84 3.32 3.67 Net gearing 128.4% 137.9% -13.9% -15.9% -22.1% -28.1% Book value per share (€) 0.06 0.03 0.10 0.17 0.25 0.33 Net debt 35,256 22,219 -8,586 -16,668 -34,488 -59,306	Ratios						
Quick ratio (x) 0.86 1.15 1.19 0.84 3.32 3.67 Net gearing 128.4% 137.9% -13.9% -15.9% -22.1% -28.1% Book value per share (€) 0.06 0.03 0.10 0.17 0.25 0.33 Net debt 35,256 22,219 -8,586 -16,668 -34,488 -59,306	Current ratio (x)	1.21	1.45	1.40	0.97	3.63	3.98
Net gearing 128.4% 137.9% -13.9% -15.9% -22.1% -28.1% Book value per share (€) 0.06 0.03 0.10 0.17 0.25 0.33 Net debt 35,256 22,219 -8,586 -16,668 -34,488 -59,306	Quick ratio (x)						
Book value per share (€) 0.06 0.03 0.10 0.17 0.25 0.33 Net debt 35,256 22,219 -8,586 -16,668 -34,488 -59,306							
Net debt 35,256 22,219 -8,586 -16,668 -34,488 -59,306							
	Return on equity (ROE)						



CASH FLOW STATEMENT

All figures in EUR '000	2016A	2017A	2018A	2019P	2020E	2021E
EBIT	-11,540	21,912	37,992	60,907	69,252	72,494
Depreciation and amortization	756	3,415	6,559	5,177	3,850	3,850
EBITDA	-10,784	25,327	44,551	66,084	73,102	76,344
Changes in working capital	642	11,099	-4,144	8,938	989	112
Interest received, taxes paid	5	3	-1,399	-2,273	-14,416	-15,079
Other	133	1,784	1,368	352	0	0
Operating cash flow	-10,004	38,213	40,376	73,101	59,674	61,378
CAPEX	-57,474	-6,045	-3,769	-32,717	-19,573	-15,807
Free cash flow	-67,478	32,168	36,607	40,384	40,102	45,571
Debt financing, net	61,722	1,723	-15,137	-31,144	79,410	0
Equity financing, net	8,825	6,833	10,496	2,778	0	0
Payment on contingent consideration	0	0	0	-17,634	-17,835	-17,081
Bond redemptions	0	-3,934	-2,257	0	0	0
Interest on loans	-3,220	-7,877	-11,063	-8,680	-3,939	-3,954
Financing cash flow	67,327	-3,255	-17,961	-54,680	57,636	-21,035
Net cash flows	-151	28,913	18,646	-14,296	97,737	24,535
Exchange rate effects	445	-1,057	2,876	1,348	0	0
Cash, start of the year	31,843	32,137	59,993	81,515	68,567	166,304
Cash, end of the year	32,137	59,993	81,515	68,567	166,304	190,840
EBITDA/share	-0.03	0.05	0.07	0.11	0.12	0.12
Y-Y Growth						
Operating cash flow	n.m.	n.m.	5.7%	81.1%	-18.4%	2.9%
Free cash flow	n.m.	n.m.	13.8%	10.3%	-0.7%	13.6%
EBITDA/share	n.m.	n.m.	45.2%	45.0%	9.3%	4.4%



FIRST BERLIN RECOMMENDATION & PRICE TARGET HISTORY

Report No.:	Date of publication	Previous day closing price	Recommendation	Price target
Initial Report	10 November 2009	€0.52	Buy	€0.70
245	\downarrow	1	\downarrow	1
46	29 July 2019	€0.94	Buy	€1.90
47	29 October 2019	€1.25	Buy	€1.90
48	16 January 2020	€1.48	Buy	€2.00
49	Today	€1.11	Buy	€2.00

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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 Current market capitalisation (in €)		1 0 - 2 billion	2 > 2 billion
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%

¹ 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 $\le 0 - \le 2$ billion, and Category 2 companies have a market capitalisation of $> \le 2$ 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.

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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.

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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: http://firstberlin.com/disclaimer-english-link/

SUPERVISORY AUTHORITY: Bundesanstalt für Finanzdienstleistungsaufsicht (German Federal Financial Supervisory Authority) [BaFin], Graurheindorferstraße 108, 53117 Bonn and Lurgiallee 12, 60439 Frankfurt

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