

Jumbo

Cash shield against coronavirus

We lower Jumbo's target price to €19.6/share (+39% total upside) from €25.4 previously, mainly on valuation grounds. We increase our WACC assumption to 8.6% from 6.5% previously, in order to account for the increase in the 10-year bond yields in the countries that Jumbo operates in (mainly due to the COVID-19 pandemic). Note that the majority of Jumbo's physical store network was closed for c2 months, due to the coronavirus spread, thus we revisit our 2020 estimates. That said, we reiterate our 'Buy' rating on Jumbo, mainly based on its solid fundamentals that lead to considerable net cash position, while we believe that sales can rebound quickly on the back of the company's store rollout plan.

Strong FY'19 results

Jumbo recently released a strong set of FY'19 results (financial year that started on July 1, 2019 and completed on December 31, 2019), with net cash standing at €331mn. EBITDA settled at €161mn, up 15% yoy, mirroring top-line growth, while net profit reached €113mn, up 15% yoy. Gross margin rose by 30bps, standing at 51.1%, while EBITDA margin increased by c200bps, despite the strengthening of the USD against the EUR. Note that Jumbo had pre-announced the sales figure, which came in 7.5% higher yoy at €513mn.

COVID-19 impact

According to the management, Easter season traditionally accounts for 12% of annual sales, while each month of the lockdown (except for September and December) accounts for c5% of total. Additionally, the company expects a hit in consumption in most of 2020 due to the pandemic (EC's latest forecasts call for 9.7% GDP contraction). As a result, there could be delays regarding the opening of stores in 2020, but the group will not deviate from its long-term network expansion strategy. On the other hand, the management clarified that the rent on their leased stores (c40% of total network) is defined as a percentage of turnover, implying no rent paid during lockdown. Finally, the dividend policy remains unchanged, but the management warned that 2020 should be considered a lost year.

Forecasts Highlights

Following management's comments, we now expect revenues to decline by 20% yoy. In particular, we account for the closed stores in Greece and Cyprus and the restriction measures in Romania and Bulgaria (revenues down 55% yoy in Apr-May), as well as for the expected GDP decline. Additionally, we assume a more adverse EUR/USD rate, which impacts our gross margin assumption. As a result, we estimate EBITDA to drop by 27% yoy and net income is seen down 36% yoy. In 2021, we project sales to rebound at a large extent (up 29% yoy), on the back of both GDP growth and store rollout, while we upgrade our previous EBITDA margin assumptions due to IFRS 16 impact. Overall, we forecast 2020-24 sales, EBITDA and net income CAGR of 10%, 13% and 16% respectively.

Jumbo Buy | Medium Risk Market cap. (€mn) 1.946 Share Price € 14.30 Shares outst. (mn) 136.1 Target Price € 19.60 BELA GA Total Return Bloomberg 39% **BABr AT** Reuters Valuation 2019a* 2020e 2021e 2022e 2023e 11.3x 10.5x 17.0x 9.9x P/E P/BV 1.6x 1.5x 1.4x 1.3x 1.2x EV/EBITDA 8.2x 5.5x 4.9x 4.4x 2.0% 2.1% 3.6% 4.1% 4.6% Dividend yield FCF yield 9.0% 4.8% 8.4% 8.1% 8.8% 2019a* 2020e 2021e 2022e 2023e Leverage Net Debt / Equity -0.3x -0.3x -0.3x -0.4x -0.4x Net Debt / Capital -0.2x -0.3x -0.3x -0 3x -04x Net Debt / EBITDA -2.0x -1.8x -2.0x -2.2x 24.1x 12.7x 19.0x 20.4x 21.4x Interest Covered 2019a* 2020e 2021e 2022e 2023e P&L data (€mn) Revenues 513 676 870 912 948 FRITDA 190 266 283 296 161 143 226 242 255 EBIT 151 Net income 113 114 173 186 196 2019a* 2020e 2021e 2022e 2023e Per share 0.84 1.44 FPS 0.83 1.27 1.37 DPS 0.28 0.29 0.51 0.59 0.66 2019a* 2023e BS data (€mn) 2020e 2021e 2022e Cash 637 690 784 862 943 Current Assets 981 1,046 1,138 1,230 1,324 691 693 708 722 736 Fixed Assets Non Current Assets 710 711 726 740 754 Total Assets 1,690 1,757 1,864 1,970 2,078 162 153 156 157 158 Current Liabilities NC Liabilities 321 321 321 321 321 Debt 306 306 306 306 306 -331 -385 -479 -556 -638 Net Debt Shareholders Equity 1,208 1,283 1,386 1,492 1,599 1m 3m 6m 12m YTD Performance 0% -24% -21% -5% -23% Absolute 0% 10% 9% 13% 12% Relative

Source: AF Research, Bloomberg LP, Reuters

* 2019a refers to the 6m period of July 2019 - December 2019

Note: Total Return includes price appreciation and expected dividend yield

Note : Relative Peformance is measured against ASE General Index

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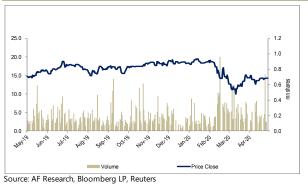
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Equity Research | Greece

Retail | Update

Jumbo					
Year End	2019	2020	2021	2022	2023
	act	est	est	est	est
Income Statement (€mn)				
Revenues	513	676	870	912	948
EBITDA	161	190	266	283	296
EBIT	143	151	226	242	255
Net Financials	2	4	3	2	1
EBT	140	147	223	240	253
Taxes	27	32	50	54	57
Net Income	113	114	173	186	196
Balance Sheet (€mn)					
Cash	637	690	784	862	943
Current Assets	981	1,046	1,138	1,230	1,324
Fixed Assets	691	693	708	722	736
Non Current Assets	710	711	726	740	754
Total Assets	1,690	1,757	1,864	1,970	2,078
Current Liabilities	162	153	156	157	158
Non Current Liabilities	321	321	321	321	321
Debt	306	306	306	306	306
Net Debt	-331	-385	-479	-556	-638
Shareholders Equity	1,208	1,283	1,386	1,492	1,599
Cash Flow (€mn)					
CFO	195	133	218	213	227
Сарех	20	40	55	55	55
WC Change	-106	21	-6	14	11
FCF	175	93	163	158	172
Per Share					
EPS	0.83	0.84	1.27	1.37	1.44
DPS	0.28	0.29	0.51	0.59	0.66
BV	8.88	9.43	10.19	10.97	11.75
FCF	1.29	0.68	1.20	1.16	1.26

Graph



ESG Metrics

Overall ESG Score	43
Environmental	13
Social	44
Governance	53
Source: Reuters	

* 2019a refers to the 6M period that started on July 1, 2019 and completed on December 31, 2019. Therefore, yoy comparisons in 2019a and 2020e are applied against the respective calendar periods.

Year End	2019*	2020*	2021	2022	2023
	act	est	est	est	est
Income Statement yo	-	2007	2004		10/
Revenues	8%	-20%	29%	5%	4%
EBITDA	15%	-27%	40%	6%	5%
EBIT	12%	-34%	50%	7%	5%
Net Financials	135%	54%	-23%	-34%	-48%
EBT	11%	-35%	52%	8%	6%
Taxes	-3%	-29%	54%	8%	6%
Net Income	15%	-36%	51%	8%	6%
Margins (%)					
EBITDA Margin	31%	28%	31%	31%	31%
EBIT Margin	28%	22%	26%	27%	27%
Net Income Margin	22%	17%	20%	20%	21%
5					
Margins (yoy change	, bps)				
EBITDA Margin	226	-337	247	46	25
EBIT Margin	159	-555	365	56	32
Net Income Margin	189	-520	295	52	33
Leverage					
Net Debt / Equity	-27%	-30%	-35%	-37%	-40%
Net Debt / Capital	-24%	-26%	-30%	-33%	-35%
Net Debt / EBITDA	-	-2.0x	-1.8x	-2.0x	-2.2x
Interest Covered	24.1x	12.7x	19.0x	20.4x	21.4x
Performance (%)			100/	100/	100/
RoE	-	9%	12%	12%	12%
RoIC	-	8%	11%	11%	11%
RoA	-	7%	9%	9%	9%
Valuation Metrics					
PE		17.0x	11.3x	10.5x	9.9x
PBV	1.6x	1.5x	1.4x	1.3x	1.2x
EV/EBITDA	-	8.2x	5.5x	4.9x	4.4x
EV/ Revenues	-	2.3x	1.7x	1.5x	1.4x
FCF Yield (%)	9%	5%	8%	8%	9%
Dividend Yield (%)	2%	2%	4%	4%	5%
Payout Ratio (%)	34%	35%	40%	43%	46%
What's Changed					
Rating		Buy	From		Buy
Risk	Me	edium Risk	From	N	ledium Risk
Target Price		€ 19.60	From		€ 25.40
Forward EPS		€ 0.84	From		€ 1.27
Company Info					
Company Info Share Price		€ 14.30			
Market Cap (mn)		€ 1,946			
Ticker (Bloomberg)		BELA GA			
Ticker (Reuters)		BABr.AT			
Free Float		55%			
Sector		Retail			
Auditor	Grant	t Thornton			
	Gran				

Company Description

Jumbo is the biggest toy, baby, home and seasonal products retailer in Greece with strong presence in Cyprus, Bulgaria and Romania. The company operates 80 stores, 52 of which in Greece, 5 in Cyprus, 9 in Bulgaria and 14 in Romania. The company also operates through franchise agreements in Serbia, Albania, Kosovo, Northern Macedonia, Bosnia and Montenegro.

ALPHA FINANCE



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A. Valuation

We value Jumbo through a 2-stage DCF model in which we form an explicit set of forecasts for the period up to 2024e. We have raised our WACC assumption to 8.6% from 6.5% previously, in order to account for the increase in the 10-year bond yields in the countries that Jumbo operates in (mainly due to the COVID-19 pandemic). In particular, our WACC estimate is based on ERP and risk-free rate of 7.5% and 2.6% (country weighted based on 2021e EBITDA contribution) respectively, while we set a terminal growth rate of 1%. Our DCF model returns a fair value of €19.6 per share, implying upside potential of 39% from current price levels.

Jumbo DCF Model	2020e	2021e	2022e	2023e	2024e
Revenues	676	870	912	948	993
EBITDA	190	266	283	296	310
EBIT * (1 - tax rate) (I)	117	175	188	197	208
CAPEX	40	55	55	55	55
Depreciation & Amortization	39	40	41	42	42
- (Capex - Depreciation) (II)	1	15	14	13	13
- Change in Working Capital (III)	21	-6	14	11	15
Reinvestment (II+III=IV)	22	10	28	25	27
Free Cash Flow (I-IV)	96	166	159	173	180
WACC	8.4%	8.5%	8.5%	8.6%	8.6%
Discounting Factor	100%	92%	85%	78%	72%
Discounted FCF		152	135	135	130
PV of Cash Flows	552				
+ Residual Value	1,730				
Terminal Growth Rate	1.0%				
- Net Debt (2020e)	-385				
Equity Value	2,666				
Shares (mn)	136				
DCF per share	19.6				

Source: Jumbo, Alpha Finance estimates



B. Forecasts changes

Forecast Changes	20	20e	20	21e	20	22e	20	23e	20	24e
Profit & Loss (€mn)	Old	New	Old	New	Old	New	Old	New	Old	New
Greece	522.1	391.7	532.5	509.6	544.2	522.2	548.6	526.4	557.4	534.9
%change	3.1%	-24.3%	2.0%	30.1%	2.2%	2.5%	0.8%	0.8%	1.6%	1.6%
% of sales	60.5%	58.0%	57.8%	58.6%	56.8%	57.3%	55.4%	55.6%	54.4%	53.8%
Bulgaria	89.4	73.7	96.6	87.8	99.5	94.3	105.4	100.2	111.6	105.8
%change	5.0%	-17.5%	8.1%	19.1%	2.9%	7.5%	6.0%	6.2%	5.8%	5.6%
% of sales	10.4%	10.9%	10.5%	10.1%	10.4%	10.3%	10.6%	10.6%	10.9%	10.7%
Cyprus	91.9	70.6	103.7	100.5	105.1	104.3	113.5	112.7	122.1	121.2
%change	5.2%	-21.6%	12.8%	42.3%	1.3%	3.7%	8.0%	8.0%	7.6%	7.6%
% of sales	10.6%	10.5%	11.3%	11.6%	11.0%	11.4%	11.5%	11.9%	11.9%	12.2%
Romania	159.8	139.6	188.4	171.6	209.9	190.8	223.5	208.3	233.1	231.4
%change	19.7%	-7.4%	17.9%	22.9%	11.4%	11.1%	6.5%	9.2%	4.3%	11.1%
% of sales	18.5%	20.7%	20.5%	19.7%	21.9%	20.9%	22.6%	22.0%	22.8%	23.3%
		675.6								993.3
	863.2		921.2	869.6	958.6	911.6	991.0	947.6	1,024.1	
% change	6.3%	-20.3%	6.7%	28.7%	4.1%	4.8%	3.4%	3.9%	3.3%	4.8%
Gross Profit	446.2	336.8	475.7	449.7	495.0	473.1	510.1	492.5	525.7	516.4
% margin	51.7%	49.9%	51.6%	51.7%	51.6%	51.9%	51.5%	52.0%	51.3%	52.0%
% change	5.5%	-24.1%	6.6%	33.5%	4.1%	5.2%	3.0%	4.1%	3.1%	4.8%
-	122.6	00.0	122.6	125.2	1077	141.0	127.0	142.1	120.2	1 4 2 5
Greece	133.6	90.3	133.6	135.3	137.7	141.8	137.9	143.1	138.3	143.5
%change	0.4%	-38.4%	0.0%	49.9%	3.1%	4.8%	0.1%	0.9%	0.3%	0.3%
% margin	25.6%	23.0%	25.1%	26.5%	25.3%	27.2%	25.1%	27.2%	24.8%	26.8%
% of EBITDA	53.9%	47.6%	50.6%	51.0%	49.7%	50.2%	48.1%	48.3%	46.8%	46.3%
Bulgaria	26.3	29.8	27.7	33.5	28.4	35.6	30.0	37.4	31.6	38.8
%change	3.6%	4.2%	5.4%	12.6%	2.6%	6.4%	5.4%	4.9%	5.3%	3.7%
% margin	29.4%	40.4%	28.7%	38.2%	28.6%	37.8%	28.4%	37.3%	28.3%	36.7%
% of EBITDA	10.6%	15.7%	10.5%	12.6%	10.3%	12.6%	10.4%	12.6%	10.7%	12.5%
Cyprus	32.2	22.9	36.8	37.3	37.3	39.0	40.6	43.4	44.0	47.5
%change	5.8%	-28.2%	14.2%	62.8%	1.4%	4.6%	8.8%	11.1%	8.2%	9.6%
% margin	35.1%	32.5%	35.5%	37.1%	35.5%	37.4%	35.8%	38.5%	36.0%	39.2%
% of EBITDA	13.0%	12.1%	13.9%	14.1%	13.5%	13.8%	14.2%	14.6%	14.9%	15.3%
Romania	55.8	46.7	66.0	59.4	73.6	66.1	78.4	72.3	81.8	80.4
%change	20.1%	-9.9%	18.2%	27.3%	11.5%	11.3%	6.6%	9.3%	4.3%	11.2%
% margin	34.9%	33.4%	35.0%	34.6%	35.1%	34.7%	35.1%	34.7%	35.1%	34.7%
% of EBITDA	22.5%	24.6%	25.0%	22.4%	26.6%	23.4%	27.3%	24.4%	27.7%	25.9%
Total EBITDA	247.9	189.6	264.1	265.5	277.0	282.6	286.9	296.1	295.7	310.2
% change	5.3%	-26.8%	6.5%	40.0%	4.9%	6.4%	3.6%	4.8%	3.1%	4.8%
% margin	28.7%	28.1%	28.7%	30.5%	28.9%	31.0%	28.9%	31.2%	28.9%	31.2%
Pre Tax Income	223.8	146.9	240.2	222.8	253.4	239.9	263.7	253.5	273.0	267.8
% change	6.1%	-34.8%	7.3%	51.7%	5.5%	7.7%	4.1%	5.7%	3.5%	5.6%
% margin	25.9%	21.7%	26.1%	25.6%	26.4%	26.3%	26.6%	26.7%	26.7%	27.0%
Net Income	172.3	114.4	185.0	172.9	195.1	186.1	203.0	196.5	210.2	207.5
% change	6.1%	-35.6%	7.3%	51.1%	5.5%	7.6%	4.1%	5.6%	3.5%	5.6%
% margin	20.0%	16.9%	20.1%	19.9%	20.4%	20.4%	20.5%	20.7%	20.5%	20.9%
EPS	1.3	0.8	1.4	1.3	1.4	1.4	1.5	1.4	1.5	1.5
% change	6.1%	-35.6%	7.3%	51.1%	5.5%	7.6%	4.1%	5.6%	3.5%	5.6%

Geographical Breakdown of I-f-I sales growth	20	20e	202	21e	202	22e	202	23e	20	24e
Geographical breakdown of i-i-i sales growth	Old	New	Old	New	Old	New	Old	New	Old	New
Greece I-f-I	1.0%	-8.7%	0.8%	6.8%	1.1%	1.3%	0.8%	0.8%	0.5%	0.5%
Cyprus I-f-I	1.2%	-6.6%	1.0%	5.8%	1.3%	3.7%	1.0%	1.0%	3.0%	1.0%
Bulgaria I-f-l	3.3%	-5.2%	3.0%	4.7%	2.9%	4.1%	2.8%	3.0%	5.0%	2.7%
Romania I-f-I	3.7%	-4.1%	3.4%	4.0%	2.9%	2.5%	2.6%	2.6%	6.0%	2.4%
Group I-f-I growth	1.1%	-9.0%	0.9%	7.0%	1.3%	1.5%	1.2%	1.1%	2.8%	1.3%

Source: Jumbo, Alpha Finance estimates



Appendix 1. Financials

Important note: Due to the change of the fiscal year in order to match the calendar year, 2019a refers to the 6M period that started on July 1, 2019 and completed on December 31, 2019. Therefore, yoy comparisons in 2019a and 2020e are applied against the respective calendar periods.

Profit & Loss (€mn)	2014/15a	2015/16a	2016/17a	2017/18a	2018/19a	2019a	2020e	2021e	2022e	2023e	2024e
Greece	437.9	458.9	470.5	489.0	505.9	303.3	391.7	509.6	522.2	526.4	534.9
%change	2.9%	4.8%	2.5%	3.9%	3.5%	4.1%	-24.3%	30.1%	2.5%	0.8%	1.6%
% of sales	75.2%	72.0%	69.0%	64.9%	62.3%	59.2%	58.0%	58.6%	57.3%	55.6%	53.8%
Bulgaria	45.3	51.9	64.7	78.1	85.6	57.4	73.7	87.8	94.3	100.2	105.8
%change	12.0%	14.6%	24.5%	20.8%	9.6%	6.9%	-17.5%	19.1%	7.5%	6.2%	5.6%
% of sales	7.8%	8.1%	9.5%	10.4%	10.5%	11.2%	10.9%	10.1%	10.3%	10.6%	10.7%
Cyprus	75.0 12.2%	78.9 5.1%	80.7 2.3%	85.7 6.2%	87.6 2.3%	53.0 5.0%	70.6 -21.6%	100.5	104.3 3.7%	112.7 8.0%	121.2 7.6%
%change % of sales	12.2%	12.4%	11.8%	11.4%	10.8%	10.3%	10.5%	42.3% 11.6%	11.4%	11.9%	12.2%
Romania	24.3	47.9	65.6	100.6	133.1	98.8	139.6	171.6	190.8	208.3	231.4
%change	175.1%	97.1%	37.0%	53.3%	32.3%	21.8%	-7.4%	22.9%	11.1%	9.2%	11.1%
% of sales	4.2%	7.5%	9.6%	13.4%	16.4%	19.3%	20.7%	19.7%	20.9%	22.0%	23.3%
Total Revenues	582.5	637.6	681.4	753.3	812.2	512.5	675.6	869.6	911.6	947.6	993.3
% change	7.5%	9.4%	6.9%	10.5%	7.8%	7.5%	-20.3%	28.7%	4.8%	3.9%	4.8%
Gross Profit	309.7	337.9	355.5	395.1	423.8	262.1	336.8	449.7	473.1	492.5	516.4
% margin	53.2%	53.0%	52.2%	52.5%	52.2%	51.1%	49.9%	51.7%	51.9%	52.0%	52.0%
% change	7.6%	9.1%	5.2%	11.2%	7.3%	8.2%	-24.1%	33.5%	5.2%	4.1%	4.8%
28 change	1.076	9.170	5.270	11.270	1.370	0.270	-24.170	55.576	5.270	4.170	4.076
EBIT	137.9	161.0	171.8	198.9	212.5	142.9	150.8	225.9	241.9	254.5	267.8
% change	8.5%	16.7%	6.7%	15.8%	6.8%	12.0%	-33.8%	49.8%	7.1%	5.2%	5.2%
% margin	23.7%	25.3%	25.2%	26.4%	26.2%	27.9%	22.3%	26.0%	26.5%	26.9%	27.0%
Greece	120.0	123.9	124.1	130.9	135.5	86.6	90.3	135.3	141.8	143.1	143.5
%change	4.6%	3.3%	0.1%	5.5%	3.5%	14.8%	-38.4%	49.9%	4.8%	0.9%	0.3%
% margin	27.4%	27.0%	26.4%	26.8%	26.8%	28.5%	23.0%	26.5%	27.2%	27.2%	26.8%
% of EBITDA	75.4%	67.5%	63.7%	58.5%	56.9%	53.7%	47.6%	51.0%	50.2%	48.3%	46.3%
Bulgaria	6.9	16.1	19.3	24.0	26.1	19.9	29.8	33.5	35.6	37.4	38.8
%change % margin	20.7% 15.3%	132.4% 31.0%	20.2% 29.9%	24.2% 30.8%	8.7% 30.5%	14.1% 34.7%	4.2% 40.4%	12.6% 38.2%	6.4% 37.8%	4.9% 37.3%	3.7% 36.7%
% of EBITDA	4.4%	8.8%	9.9%	10.7%	11.0%	12.4%	15.7%	12.6%	12.6%	12.6%	12.5%
Cyprus	25.7	27.4	28.0	30.3	30.8	18.9	22.9	37.3	39.0	43.4	47.5
%change	13.7%	6.9%	1.9%	8.2%	1.6%	6.8%	-28.2%	62.8%	4.6%	11.1%	9.6%
% margin	34.2%	34.8%	34.7%	35.3%	35.1%	35.7%	32.5%	37.1%	37.4%	38.5%	39.2%
% of EBITDA	16.1%	14.9%	14.4%	13.5%	12.9%	11.7%	12.1%	14.1%	13.8%	14.6%	15.3%
Romania	6.7	16.2	23.5	36.1	45.9	35.7	46.7	59.4	66.1	72.3	80.4
%change % margin	87.0% 27.4%	144.0% 33.9%	44.8% 35.8%	53.7% 35.9%	26.9% 34.4%	19.9% 36.1%	-9.9% 33.4%	27.3% 34.6%	11.3% 34.7%	9.3% 34.7%	11.2% 34.7%
% of EBITDA	4.2%	8.8%	12.1%	16.2%	19.3%	22.2%	24.6%	22.4%	23.4%	24.4%	25.9%
Total EBITDA	159.2	183.7	194.9	223.6	238.2	161.1	189.6	265.5	282.6	296.1	310.2
% change	8.7%	15.4%	6.1%	14.7%	6.5%	14.8%	-26.8%	40.0%	6.4%	4.8%	4.8%
% margin	27.3%	28.8%	28.6%	29.7%	29.3%	31.4%	28.1%	30.5%	31.0%	31.2%	31.2%
Financials	1.7	1.9	1.8	-1.0	-1.2	-2.4	-3.9	-3.0	-2.0	-1.0	-0.1
% change	-38.0%	13.2%	-4.5%	-156.8%	15.7%	135.0%	54.2%	-22.5%	-34.0%	-47.7%	-93.7%
Pre Tax Income	137.0	165.1	173.5	197.9	211.3	140.5	146.9	222.8	239.9	253.5	267.8
% change	5.4%	20.6%	5.0%	14.1%	6.8%	11.1%	-34.8%	51.7%	7.7%	5.7%	5.6%
% margin	23.5%	25.9%	25.5%	26.3%	26.0%	27.4%	21.7%	25.6%	26.3%	26.7%	27.0%
Total Tax	32.1	43.9	42.5	46.8	48.4	27.0	32.5	49.9	53.8	57.0	60.3
% Effective tax rate	23.4%	26.6%	24.5%	23.6%	22.9%	19.2%	22.1%	22.4%	22.4%	22.5%	22.5%
Net Income	104.8	121.3	131.0	151.1	162.9	113.5	114.4	172.9	186.1	196.5	207.5
% change	3.5%	15.7%	8.0%	15.3%	7.8%	14.9%	-35.6%	51.1%	7.6%	5.6%	5.6%
% margin	18.0%	19.0%	19.2%	20.1%	20.1%	22.1%	16.9%	19.9%	20.4%	20.7%	20.9%
EPS	0.77	0.89	0.96	1.11	1.20	0.83	0.84	1.27	1.37	1.44	1.53
% change	3.5%	15.7%	8.0%	15.3%	7.8%	14.9%	-35.6%	51.1%	7.6%	5.6%	5.6



Balance Sheet (€mn)	2014/15a	2015/16a	2016/17a	2017/18a	2018/19a	2019a	2020e	2021e	2022e	2023e	2024e
Cash	298.9	394.7	366.0	436.9	506.6	637.0	690.1	784.2	862.0	943.5	1,026.1
Inventories	197.8	196.8	239.2	247.8	289.9	272.3	297.0	287.6	300.4	311.7	326.7
Trade Receivables	15.5	32.6	34.6	32.7	40.3	38.7	25.9	33.4	35.0	36.3	38.1
Other Receivables	33.3	44.5	70.2	72.5	81.0	31.1	31.0	31.0	31.0	31.0	31.0
Other Current Assets	11.7	10.4	3.2	2.0	2.7	1.7	1.7	1.7	1.7	1.7	1.7
Current Assets	557.2	678.9	713.3	791.8	920.5	980.8	1,045.8	1,137.8	1,230.1	1,324.2	1,423.5
Tangible Assets	497.9	498.8	514.9	542.5	561.8	691.4	692.5	707.9	722.2	735.6	748.2
Investment Property	6.1	5.7	5.4	5.0	2.6	2.5	2.5	2.4	2.4	2.4	2.4
Investmets in Subsdiaries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other I/t Receivables	29.1	26.0	26.0	22.9	24.6	15.8	15.8	15.8	15.8	15.8	15.8
L/T Assets	533.1	530.5	546.2	570.3	588.9	709.6	710.8	726.1	740.4	753.8	766.4
Total Assets	1,090.3	1,209.4	1,259.6	1,362.1	1,509.5	1,690.5	1,756.6	1,863.9	1,970.5	2,078.0	2,189.9
S/T debt	2.9	0.2	14.8	4.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0
L/T debt payable next year	0.0	0.0	0.0	144.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Account Payables	51.4	39.1	39.8	40.3	42.3	43.2	34.3	38.0	38.4	39.9	41.8
Provisions	0.2	0.2	0.2	0.2	0.8	0.7	0.7	0.7	0.7	0.7	0.7
Current tax liabilities	40.0	51.4	49.4	49.8	50.9	63.0	63.0	63.0	63.0	63.0	63.0
Other Curent liabilities	29.0	37.7	29.5	30.1	27.5	54.6	54.6	54.6	54.6	54.6	54.6
S/T liabilities	123.5	128.6	133.9	270.0	121.6	161.5	152.7	156.3	156.8	158.2	160.1
L/T Debt	143.9	144.2	144.4	0.0	198.8	198.9	198.9	198.9	198.9	198.9	198.9
Other long Term liabilities	13.0	5.8	4.7	17.9	11.9	106.0	106.6	106.6	106.6	106.6	106.6
Deferred tax liabilities	7.0	7.8	8.0	7.9	6.8	6.6	6.6	6.6	6.6	6.6	6.6
Liabilities for pension plans	5.8	7.4	6.9	7.7	9.0	9.2	9.2	9.2	9.2	9.2	9.2
L/T Liabilities	169.6	165.3	164.0	33.6	226.4	320.6	321.2	321.2	321.2	321.2	321.2
Share Capital	161.9	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7	119.7
Share Premium	7.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Currency transaltion adjustments	-0.9	-1.8	-2.5	-5.1	-7.4	-9.3	-9.3	-9.3	-9.3	-9.3	-9.3
other reserves	361.6	436.8	432.7	462.9	495.1	522.3	522.3	522.3	522.3	522.3	522.3
Retained earnings	266.9	310.9	361.8	431.0	504.0	525.5	599.9	703.7	809.7	915.8	1,025.8
Equity	797.2	915.6	961.7	1,058.5	1,161.4	1,208.3	1,282.7	1,386.4	1,492.5	1,598.6	1,708.6
Total Liabilities	1,090.3	1,209.4	1,259.6	1,362.1	1,509.5	1,690.5	1,756.6	1,863.9	1,970.5	2,078.0	2,189.9
Total Liabilities Cash Flow (€mn)	1,090.3 2014/15a	1,209.4 2015/16a	1,259.6 2016/17a	1,362.1 2017/18a	1,509.5 2018/19a	1,690.5 2019a	1,756.6 2020e	1,863.9 2021e	1,970.5 2022e	2,078.0 2023e	2,189.9 2024e
Cash Flow (€mn)	2014/15a	2015/16a	2016/17a	2017/18a	2018/19a	2019a	2020e	2021e	2022e	2023e	2024e
Cash Flow (€mn) Net income	2014/15a 104.8	2015/16a 121.3	2016/17a 131.0	2017/18a 151.1	2018/19a 162.9	2019a 113.5	2020e 114.4	2021e 172.9	2022e 186.1	2023e 196.5	2024e 207.5
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable	2014/15a 104.8 21.2	2015/16 a 121.3 22.7	2016/17 a 131.0 23.1	2017/18 a 151.1 24.7	2018/19a 162.9 25.7	2019 a 113.5 18.3	2020e 114.4 38.8	2021e 172.9 39.7	2022e 186.1 40.7	2023e 196.5 41.6	2024 e 207.5 42.4
Cash Flow (Emn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions	2014/15a 104.8 21.2 (0.1)	2015/16a 121.3 22.7 0.0 11.4 0.0	2016/17a 131.0 23.1 0.0 (2.0) 0.0	2017/18a 151.1 24.7 0.0	2018/19a 162.9 25.7 0.6	2019a 113.5 18.3 (0.0)	2020e 114.4 38.8 0.0	2021e 172.9 39.7 0.0 0.0 0.0 0.0	2022e 186.1 40.7 0.0 0.0 0.0	2023e 196.5 41.6 0.0 0.0 0.0	2024e 207.5 42.4 0.0
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable	2014/15a 104.8 21.2 (0.1) 1.4	2015/16a 121.3 22.7 0.0 11.4	2016/17a 131.0 23.1 0.0 (2.0)	2017/18a 151.1 24.7 0.0 0.4	2018/19a 162.9 25.7 0.6 1.1	2019a 113.5 18.3 (0.0) 12.1	2020e 114.4 38.8 0.0 0.0	2021e 172.9 39.7 0.0 0.0	2022e 186.1 40.7 0.0 0.0	2023e 196.5 41.6 0.0 0.0	2024e 207.5 42.4 0.0 0.0
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities	2014/15a 104.8 21.2 (0.1) 1.4 0.0	2015/16a 121.3 22.7 0.0 11.4 0.0	2016/17a 131.0 23.1 0.0 (2.0) 0.0	2017/18a 151.1 24.7 0.0 0.4 0.0	2018/19a 162.9 25.7 0.6 1.1 0.0	2019a 113.5 18.3 (0.0) 12.1 0.0	2020e 114.4 38.8 0.0 0.0 0.0 0.0	2021e 172.9 39.7 0.0 0.0 0.0 0.0	2022e 186.1 40.7 0.0 0.0 0.0 0.0	2023e 196.5 41.6 0.0 0.0 0.0	2024e 207.5 42.4 0.0 0.0 0.0
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7)	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8	2016/17a 131.0 23.1 0.0 (2.0) 0.0 0.2	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1)	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2)	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2)	2020e 114.4 38.8 0.0 0.0 0.0 0.0 0.0	2021e 172.9 39.7 0.0 0.0 0.0 0.0	2022e 186.1 40.7 0.0 0.0 0.0 0.0	2023e 196.5 41.6 0.0 0.0 0.0 0.0	2024e 207.5 42.4 0.0 0.0 0.0 0.0
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2	2016/17a 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6	2020e 114.4 38.8 0.0 0.0 0.0 0.0 153.3	2021e 172.9 39.7 0.0 0.0 0.0 0.0 212.6	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7	2023e 196.5 41.6 0.0 0.0 0.0 0.0 238.1	2024e 207.5 42.4 0.0 0.0 0.0 0.0 0.0 249.9
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in other current Liabilities Less: Chng in Acc. Receivable	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8)	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3)	2016/17a 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0	2020e 114.4 38.8 0.0 0.0 0.0 0.0 153.3 (8.9)	2021e 172.9 39.7 0.0 0.0 0.0 0.0 212.6 3.6	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5	2023e 196.5 41.6 0.0 0.0 0.0 0.0 238.1 1.5	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in other current Liabilities Less: Chng in Acc. Receivable Less: Other Receivable	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0)	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1	2016/17a 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9)	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (1.6) (58.7)	2020e 114.4 38.8 0.0 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1)	2021e 172.9 39.7 0.0 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0	2023e 196.5 41.6 0.0 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.8 0.0
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in other current Liabilities Less: Chng in Acc. Receivable Less: Other Receivable Less: Chng in Inventories	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0)	2016/17a 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (1.6) (58.7) (17.6)	2020e 114.4 38.8 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7	2021e 172.9 39.7 0.0 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5)	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 1.6 0.0 12.8	2023e 196.5 41.6 0.0 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.8 0.0 1.5.0
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in other current Liabilities Less: Chng in Acc. Receivable Less: Other Receivable Less: Chng in Inventories Working Capital Chng	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6 (11.9)	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0) 27.7	2016/17a 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5 51.8	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6 4.8	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1 60.6	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (1.6) (58.7) (17.6) (105.9)	2020e 114.4 38.8 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7 20.7	2021e 172.9 39.7 0.0 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5) (5.6)	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 12.8 13.9	2023e 196.5 41.6 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4 11.3	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.8 0.0 15.0 14.8
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in other current Liabilities Less: Chng in Acc. Receivable Less: Other Receivable Less: Chng in Inventories Working Capital Chng Operating Cash Flow	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6 (11.9) 138.7	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0) 27.7 111.7	2016/17₄ 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5 51.8 103.9	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6 4.8 164.5	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1 60.6 118.6	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (1.6) (58.7) (17.6) (105.9) 195.1	2020e 114.4 38.8 0.0 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7 20.7 132.6	2021e 172.9 39.7 0.0 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5) (5.6) 218.2	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 12.8 13.9 212.8	2023e 196.5 41.6 0.0 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4 11.3 226.8	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.8 0.0 15.0 14.8 235.1
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in Acc Payable Plus: Chng in other current Liabilities Less: Chng in Acc. Receivable Less: Other Receivable Less: Chng in Inventories Working Capital Chng Operating Cash Flow Less: Purchases of Fixed Assets	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6 (11.9) 138.7 63.4	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0) 27.7 111.7 34.7	2016/17₄ 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5 51.8 103.9 38.0	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6 4.8 164.5 42.2	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1 60.6 118.6 44.4	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (1.6) (58.7) (17.6) (105.9) 195.1 23.7	2020e 114.4 38.8 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7 20.7 132.6 40.0	2021e 172.9 39.7 0.0 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5) (5.6)	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 12.8 13.9 212.8 55.0	2023e 196.5 41.6 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4 11.3 226.8 55.0	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.8 0.0 15.0 14.8 235.1 55.0
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in other current Liabilities Less: Chng in Acc. Receivable Less: Other Receivable Less: Chng in Inventories Working Capital Chng Operating Cash Flow	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6 (11.9) 138.7	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0) 27.7 111.7	2016/17₄ 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5 51.8 103.9	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6 4.8 164.5	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1 60.6 118.6	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (1.6) (58.7) (17.6) (105.9) 195.1	2020e 114.4 38.8 0.0 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7 20.7 132.6	2021e 172.9 39.7 0.0 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5) (5.6) 218.2	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 12.8 13.9 212.8	2023e 196.5 41.6 0.0 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4 11.3 226.8	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.8 0.0 15.0 14.8 235.1
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in other current Liabilities Less: Chng in Acc. Receivable Less: Other Receivable Less: Other Receivable Less: Chng in Inventories Working Capital Chng Operating Cash Flow Less: Purchases of Fixed Assets Less: Chng in Investments Free Cash Flow	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6 (11.9) 138.7 63.4 (0.4) 75.7	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0) 27.7 111.7 34.7 (7.6) 84.6	2016/17₃ 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5 51.8 103.9 38.0 (15.6)	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6 4.8 164.5 42.2 (7.7) 130.0	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1 60.6 118.6 44.4 (2.9) 77.2	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (1.6) (58.7) (17.6) (105.9) 195.1 23.7 (3.7) 175.1	2020e 114.4 38.8 0.0 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7 20.7 132.6 40.0 (0.0) 92.6	2021e 172.9 39.7 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5) (5.6) 218.2 55.0 (0.0) 163.2	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 12.8 13.9 212.8 55.0 (0.0) 157.9	2023e 196.5 41.6 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4 11.3 226.8 55.0 (0.0) 171.8	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.9 0.0 1.8 0.0 15.0 14.8 235.1 55.0 (0.0) 180.1
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in other current Liabilities Less: Chng in Acc. Receivable Less: Other Receivable Less: Chng in Inventories Working Capital Chng Operating Cash Flow Less: Purchases of Fixed Assets Less: Chng in Investments Free Cash Flow Less: Dividends Paid	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6 (11.9) 138.7 63.4 (0.4) 75.7 45.0	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0) 27.7 111.7 34.7 (7.6) 84.6 0.0	2016/17₃ 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5 51.8 103.9 38.0 (15.6) 81.5 124.5	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6 4.8 164.5 42.2 (7.7) 130.0 48.0	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1 60.6 118.6 44.4 (2.9) 77.2 55.4	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (16) (58.7) (17.6) (105.9) 195.1 23.7 (3.7) 175.1 38.1	2020e 114.4 38.8 0.0 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7 20.7 132.6 40.0 (0.0) 92.6 40.1	2021e 172.9 39.7 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5) (5.6) 218.2 55.0 (0.0) 163.2 69.2	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 12.8 13.9 212.8 55.0 (0.0) 157.9 80.0	2023e 196.5 41.6 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4 11.3 226.8 55.0 (0.0) 171.8 90.4	2024e 207.5 42.4 0.0 0.0 0.0 249.9 1.9 0.0 1.9 0.0 1.8 0.0 15.0 14.8 235.1 55.0 (0.0) 180.1 97.5
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in other current Liabilities Less: Chng in Acc. Receivable Less: Other Receivable Less: Other Receivable Less: Chng in Inventories Working Capital Chng Operating Cash Flow Less: Purchases of Fixed Assets Less: Chng in Investments Free Cash Flow Less: Dividends Paid Plus: Equity Chng	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6 (11.9) 138.7 63.4 (0.4) 75.7 45.0 0.0	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0) 27.7 111.7 34.7 (7.6) 84.6 0.0 0.0	2016/17₃ 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5 51.8 103.9 38.0 (15.6) 81.5 124.5 0.0	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6 4.8 164.5 42.2 (7.7) 130.0 48.0 0.0	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1 60.6 118.6 44.4 (2.9) 77.2 55.4 0.0	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (16) (58.7) (17.6) (105.9) 195.1 23.7 (3.7) 175.1 38.1 0.0	2020e 114.4 38.8 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7 20.7 132.6 40.0 (0.0) 92.6 40.1 0.0	2021e 172.9 39.7 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5) (5.6) 218.2 55.0 (0.0) 163.2 69.2 0.0	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 12.8 13.9 212.8 55.0 (0.0) 157.9 80.0 0.0	2023e 196.5 41.6 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4 11.3 226.8 55.0 (0.0) 171.8 90.4 0.0	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.8 0.0 15.0 14.8 235.1 55.0 (0.0) 180.1 97.5 0.0
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in Acc Payable Plus: Chng in Acc Receivable Less: Chng in Acc. Receivable Less: Other Receivable Less: Other Receivable Less: Other Receivable Less: Chng in Inventories Working Capital Chng Operating Cash Flow Less: Purchases of Fixed Assets Less: Chng in Investments Free Cash Flow Less: Dividends Paid Plus: Equity Chng Plus: Debt Chng	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6 (11.9) 138.7 63.4 (0.4) 75.7 45.0 0.0 -18.3	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0) 27.7 111.7 34.7 (7.6) 84.6 0.0 0.0 0.0 -2.7	2016/17₃ 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5 51.8 103.9 38.0 (15.6) 81.5 124.5 0.0 14.6	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6 4.8 164.5 42.2 (7.7) 130.0 48.0 0.0 -9.9	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1 60.6 118.6 44.4 (2.9) 77.2 55.4 0.0 48.9	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (1.6) (58.7) (17.6) (105.9) 195.1 23.7 (3.7) 175.1 38.1 0.0 -0.1	2020e 114.4 38.8 0.0 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7 20.7 132.6 40.0 (0.0) 92.6 40.1 0.0 0.0	2021e 172.9 39.7 0.0 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5) (5.6) 218.2 55.0 (0.0) 163.2 69.2 0.0 0.0	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 12.8 13.9 212.8 55.0 (0.0) 157.9 80.0 0.0 0.0	2023e 196.5 41.6 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4 11.3 226.8 55.0 (0.0) 171.8 90.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.8 0.0 15.0 14.8 235.1 55.0 (0.0) 180.1 97.5 0.0 0.0
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in Acc Payable Plus: Chng in Acc Receivable Less: Chng in Acc. Receivable Less: Other Receivable Less: Other Receivable Less: Other Receivable Less: Other Receivable Less: Chng in Inventories Working Capital Chng Operating Cash Flow Less: Purchases of Fixed Assets Less: Chng in Investments Free Cash Flow Less: Dividends Paid Plus: Equity Chng Plus: Lease Chng	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6 (11.9) 138.7 63.4 (0.4) 75.7 45.0 0.0 -18.3 0.0	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0) 27.7 111.7 34.7 (7.6) 84.6 0.0 0.0 0.0 -2.7 0.0	2016/17a 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5 51.8 103.9 38.0 (15.6) 81.5 124.5 0.0 14.6 0.0	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6 4.8 164.5 42.2 (7.7) 130.0 48.0 0.0 -9.9 0.0	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1 60.6 118.6 44.4 (2.9) 77.2 55.4 0.0 48.9 0.0	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (1.6) (58.7) (17.6) (105.9) 195.1 23.7 (3.7) 175.1 38.1 0.0 -0.1 -5.7	2020e 114.4 38.8 0.0 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7 20.7 132.6 40.0 (0.0) 92.6 40.1 0.0 0.0 0.6	2021e 172.9 39.7 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5) (5.6) 218.2 55.0 (0.0) 163.2 69.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 12.8 13.9 212.8 55.0 (0.0) 157.9 80.0 0.0 0.0 0.0 0.0	2023e 196.5 41.6 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4 11.3 226.8 55.0 (0.0) 171.8 90.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.8 0.0 15.0 14.8 235.1 55.0 (0.0) 180.1 97.5 0.0 0.0 0.0
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in Acc Payable Plus: Chng in Acc Receivable Less: Chng in Acc. Receivable Less: Other Receivable Less: Other Receivable Less: Other Receivable Less: Chng in Inventories Working Capital Chng Operating Cash Flow Less: Purchases of Fixed Assets Less: Chng in Investments Free Cash Flow Less: Dividends Paid Plus: Lease Chng Plus: Lease Chng Less: Dividends to Minorities	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6 (11.9) 138.7 63.4 (0.4) 75.7 45.0 0.0 -18.3 0.0 0.0	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0) 27.7 111.7 34.7 (7.6) 84.6 0.0 0.0 -2.7 0.0 0.0	2016/17a 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5 51.8 103.9 38.0 (15.6) 81.5 124.5 0.0 14.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6 4.8 164.5 42.2 (7.7) 130.0 48.0 0.0 -9.9 0.0 0.0	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1 60.6 118.6 44.4 (2.9) 77.2 55.4 0.0 48.9 0.0 0.0 0.0	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (1.6) (58.7) (17.6) (105.9) 195.1 23.7 (3.7) 175.1 38.1 0.0 -0.1 -5.7 0.0	2020e 114.4 38.8 0.0 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7 20.7 132.6 40.0 (0.0) 92.6 40.1 0.0 0.6 0.0	2021e 172.9 39.7 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5) (5.6) 218.2 55.0 (0.0) 163.2 69.2 0.0 0.0 0.0 0.0	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 12.8 13.9 212.8 55.0 (0.0) 157.9 80.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	2023e 196.5 41.6 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4 11.3 226.8 55.0 (0.0) 171.8 90.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.8 0.0 15.0 14.8 235.1 55.0 (0.0) 180.1 97.5 0.0 0.0 0.0 0.0
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in Acc Payable Plus: Chng in Acc Receivable Less: Chng in Acc. Receivable Less: Other Receivable Less: Other Receivable Less: Chng in Inventories Working Capital Chng Operating Cash Flow Less: Purchases of Fixed Assets Less: Chng in Investments Free Cash Flow Less: Dividends Paid Plus: Lease Chng Less: Dividends to Minorities Plus: Consolidation adjustments	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6 (11.9) 138.7 63.4 (0.4) 75.7 45.0 0.0 -18.3 0.0	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0) 27.7 111.7 34.7 (7.6) 84.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2016/17a 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5 51.8 103.9 38.0 (15.6) 81.5 124.5 0.0 14.6 0.0	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6 4.8 164.5 42.2 (7.7) 130.0 48.0 0.0 -9.9 0.0	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1 60.6 118.6 44.4 (2.9) 77.2 55.4 0.0 48.9 0.0	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (1.6) (58.7) (17.6) (105.9) 195.1 23.7 (3.7) 175.1 38.1 0.0 -0.1 -5.7	2020e 114.4 38.8 0.0 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7 20.7 132.6 40.0 (0.0) 92.6 40.1 0.0 0.6 0.0 0	2021e 172.9 39.7 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5) (5.6) 218.2 55.0 (0.0) 163.2 69.2 0.0 0.0 0.0 0.0 0	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 12.8 13.9 212.8 55.0 (0.0) 157.9 80.0 0.0 0.0 0.0 0.0	2023e 196.5 41.6 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4 11.3 226.8 55.0 (0.0) 171.8 90.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.8 0.0 15.0 14.8 235.1 55.0 (0.0) 180.1 97.5 0.0 0.0 0.0 0.0 0.0
Cash Flow (€mn) Net income Plus: Depreciation & Amortization Plus: Chng in Provisions Plus: Chng in Taxes Payable Plus: Minorities Plus: non cash taxes Gross Cash Flow Plus: Chng in Acc Payable Plus: Chng in Acc Payable Plus: Chng in Acc Receivable Less: Chng in Acc. Receivable Less: Other Receivable Less: Other Receivable Less: Other Receivable Less: Chng in Inventories Working Capital Chng Operating Cash Flow Less: Purchases of Fixed Assets Less: Chng in Investments Free Cash Flow Less: Dividends Paid Plus: Lease Chng Plus: Lease Chng Less: Dividends to Minorities	2014/15a 104.8 21.2 (0.1) 1.4 0.0 (0.7) 126.8 (0.8) 8.2 (15.2) (1.0) 11.6 (11.9) 138.7 63.4 (0.4) 75.7 45.0 0.0 -18.3 0.0 0.0 0.0 0	2015/16a 121.3 22.7 0.0 11.4 0.0 0.8 156.2 (12.3) 8.7 17.0 8.1 (1.0) 27.7 111.7 34.7 (7.6) 84.6 0.0 0.0 -2.7 0.0 0.0	2016/17a 131.0 23.1 0.0 (2.0) 0.0 0.2 152.3 0.8 (8.1) 2.0 0.0 42.5 51.8 103.9 38.0 (15.6) 81.5 124.5 0.0 14.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	2017/18a 151.1 24.7 0.0 0.4 0.0 (0.1) 176.1 0.5 0.5 (1.9) (0.9) 8.6 4.8 164.5 42.2 (7.7) 130.0 48.0 0.0 -9.9 0.0 0.0 0.0 0	2018/19a 162.9 25.7 0.6 1.1 0.0 (1.2) 189.0 1.9 (2.5) 7.6 10.2 42.1 60.6 118.6 44.4 (2.9) 77.2 55.4 0.0 48.9 0.0 0.0 0.0 0 0	2019a 113.5 18.3 (0.0) 12.1 0.0 (0.2) 143.6 1.0 27.0 (1.6) (58.7) (17.6) (105.9) 195.1 23.7 (3.7) 175.1 38.1 0.0 -0.1 -5.7 0.0 0	2020e 114.4 38.8 0.0 0.0 0.0 0.0 153.3 (8.9) 0.0 (12.8) (0.1) 24.7 20.7 132.6 40.0 (0.0) 92.6 40.1 0.0 0.6 0.0	2021e 172.9 39.7 0.0 0.0 0.0 212.6 3.6 0.0 7.4 0.0 (9.5) (5.6) 218.2 55.0 (0.0) 163.2 69.2 0.0 0.0 0.0 0.0	2022e 186.1 40.7 0.0 0.0 0.0 0.0 226.7 0.5 0.0 1.6 0.0 12.8 13.9 212.8 55.0 (0.0) 157.9 80.0 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 0 0 0 0 0 0 0 0 0 0	2023e 196.5 41.6 0.0 0.0 0.0 238.1 1.5 0.0 1.4 0.0 11.4 11.3 226.8 55.0 (0.0) 171.8 90.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0	2024e 207.5 42.4 0.0 0.0 0.0 0.0 249.9 1.9 0.0 1.8 0.0 15.0 14.8 235.1 55.0 (0.0) 180.1 97.5 0.0 0.0 0.0



Appendix 2. ESG Scores

verall	
	FY2019
ESG Score	43.38
vironmental	
	FY2019
Resource Use Score	0.00
Emissions Score	15.95
Environmental Innovation Score	10.66
cial	
	FY2019
Workforce Score	55.71
Human Rights Score	33.75
Community Score	19.35
Product Responsibility Score	67.31
vernance	
	FY2019
Management Score	59.62
Shareholders Score	98.08
CSR Strategy Score	2.27
ntroversies	
	EV2010

Controversies	
	FY2019
ESG Combined Score	43.38
ESG Controversies Score	100.00

Source: Reuters



Equity Research

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Disclosure Appendix

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Alpha Finance Investment Services S.A. acts as a market maker on the stock futures of the following companies/indices (Total: 29) FTSE Athex Large Cap Index stock futures & options, Alpha Bank, Cenergy Holdings, Coca Cola HBC, Folli Follie, Fourlis, Intracom Holdings, Jumbo, Lamda Development, MIG, Viohalco, Admie Holding, Gek Terna, PPC, National Bank, Ellaktor, Hellenic Petroleum, Hellenic Exchanges, Athens Water, Intralot, Motor Oil, Mytilineos Holdings, Piraeus Port Authority, Opap, Hellenic Telecom, Piraeus Bank, Terna Energy, Eurobank Source: Athens Exchange, as of Jan 29, 2020

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AF Equity Research	Ratings Distributi	AF Equity Research Ratings Distribution					
New Rating	AF Universe	IB Clients	AF Universe %	IB Clients %			
Buy	11	3	46	43%			
Sell	0	0	0	0%			
Hold	3	1	13	14%			
Under Review	8	2	33	29%			
Not Rated	1	1	4	14%			
Restricted	1	0	4	0%			
Sponsored Research	0	0	0	0%			
Total	24	7	100%	100%			

AF Equity Research	as	of: 31 Mar 20		
Old Rating	AF Universe	IB Clients	AF Universe %	IB Clients %
Outperform	11	3	46	43%
Underperform	0	0	0	0%
Neutral	3	1	13	14%
Under Review	8	2	33	29%
Not Rated	1	1	4	14%
Restricted	1	0	4	0%
Sponsored Research	0	0	0	0%
Total	24	7	100%	100%

* Investment Banking (IB) services provided over the past 12 month period

Important Note: As of Feb. 01 2020, AF incorporates a new Proprietary rating system. A comparison ratings distribution is seen above

Company specific regulatory disclosures

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In several occasions, subject to qualitative factors, ESG criteria (Bloomberg & Reuters), analyst judgment based on macro/micro prospects, the investment rating applied may fall out of the brackets described in the definitions, outlined below:

Definitions of Proprietary risk rating system terms

Total Return (TR)	Price appreciation + Dividend yield
Buy	The total return (TR) is expected to be > 15% over the next 12-month period
Sell	The total return (TR) is expected to be < -15% over the next 12-month period
Hold	The total return is expected to be [-15%, +15%] over the next 12-month period
Under Review	The stock is under review
Not Rated	The stock is not rated
Restricted	The stock is restricted from rating
Sponsored Research	The stock is covered under sponsored research agreement
sponsored Research	The stock is covered under sponsored research agreement

Proprietary Risk Rating

The proprietary risk rating system incorporates liquidity-volatility-qualitative criteria, which categorizes a risk rating into three categories: *High Risk, Medium Risk, Low Risk*

Liquidity criteria are based on tradability-Free Float data

Volatility criteria are based on 1yr volatility metrics updated twice a year

Qualitative criteria are based on analyst judgement which takes into account macro/micro prospects



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