ATHEX Group

Greece/ Financial Services

Company update – Preview Note

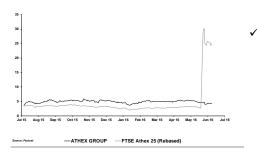
Reason: Estimates Revision

8 July 2016

Investment Research

Buy

Recommendation unch	nanged		
Share price: EU	R		4.14
closing price as of 07/07/2016			
Target price: EU	IR		5.10
from Target Price: EUF	5		5.60
Reuters/Bloomberg		EXCr.A	T/EXAE GA
Daily avg. no. trad. sh. 12 n	nth		37,499
Daily avg. trad. vol. 12 mth			155.97
	(11)		5.85
Price high 12 mth (EUR)			
Price low 12 mth (EUR)			3.55
Abs. perf. 1 mth		-18.5%	
Abs. perf. 3 mth		-17.2%	
Abs. perf. 12 mth			-10.8%
Market capitalisation (EUR	lm)		271
Current N° of shares (m)			65
Free float			100%
Key financials (EUR)	12/15	12/16e	12/17e
Sales (m)	35	33	39
EBITDA (m)	15	13	18
EBITDA margin	42.7%	38.9%	45.3%
EBIT (m)	13	10	15
EBIT margin	36.8%	31.0%	38.3%
Net Profit (adj.)(m)	10	8	11
ROCE	27.9%	20.1%	29.8%
Net debt/(cash) (m)	(137)	(111)	(118)
Net Debt Equity	-0.8	-0.7	-0.7
Net Debt/EBITDA	-9.2	-8.6	-6.7
Int. cover(EBITDA/Fin.int)	(26.5)	(16.5)	(21.1)
EV/Sales	5.9	4.7	3.9
EV/EBITDA	13.8	12.1	8.6
EV/EBITDA (adj.)	13.5	11.8	8.4
EV/EBIT	16.1	15.2	10.1
P/E (adj.)	33.6	35.2	25.0
P/BV	1.9	1.8	1.7
OpFCF yield	1.8%	1.4%	4.6%
Dividend yield	7.7%	2.1%	2.9%
EPS (adj.)	0.16	0.12	0.17
BVPS	2.72	2.36	2.44
DPS	0.32	0.09	0.12



Soft 2Q16 results on thin trading volumes; 'Buy' rating is affirmed

We have reduced our target price on ATHEX Group (EXAE) to EUR 5.10/share (vs. EUR 5.60/share previously) following our more conservative stance about the evolution of the average daily traded value in the cash market amid a volatile environment in international markets. Despite the downward revision to our target price, the stock still appears attractive as the upside potential from current levels is 23%, justifying our 'Buy' rating.

- Political developments in Europe and Italy to affect market sentiment in the near-term: We have reduced our assumption on FY16 average daily transaction value to EUR 85m from EUR 110m previously due to the turmoil created by the Brexit referendum and the worries about Italian banks that have curtailed investors' appetite for EU peripheral markets (including Greece). However, we view that the Grexit risk has been removed from the table at present, after the decisiveness of the SYRIZA/ANEL coalition government to approve unpopular measures that allow the country to meet its fiscal needs and most importantly to agree on an automatic fiscal adjustment mechanism if there is any deviation from fiscal targets. We expect that the sentiment will remain fragile in 2017 ahead of the important elections in Germany and France and potentially in Italy, UK and Spain, thus mandating a more cautious stance about the performance of the Greek bourse next year (2017e ADT value is now seen at EUR 110m vs. EUR 135m previously).
- Earnings revision: Based on the fact that ATHEX's cost base is mainly comprised of fixed costs, a reduction in revenue estimates has a detrimental effect on our earnings forecasts. In a nutshell, we have cut our revenue estimates by 15% for 2016-2017, driving our EBITDA estimates down by 28% versus former ones. We now forecast EBITDA of EUR 13m (-13% y-o-y) for 2016 and EUR 17.5m (+35% yo-y) for 2017. Accordingly, we have reduced our net earnings profits to EUR 7.7m (-15% y-o-y, 39% reduction) for 2016 and EUR 10.8m (+41% y-o-y, 34% downward revision) for 2017.
- Share buy-backs instead of capital returns As far as dividend policy is concerned, the implementation of the share buy-back program will require a total outflow of EUR 30m, reducing group's net cash position to the critical level of EUR 100m by the end of 2017, rendering prohibitive the continuation of the distribution of special dividends in the form of capital returns. We view that the company will distribute only ordinary dividends according to its annual profitability from FY16 onwards. Assuming a 70% dividend payout ratio, we expect the distribution of EUR 5.8m for FY16 and EUR 7.6m for FY17, pointing to a DPS of EUR 0.09/share and EUR 0.12/share respectively (adjusted for treasury shares as of 6/7/2016).
- Soft trading to weigh on 2Q16 results: We expect a mediocre performance in 2Q16 on the back of thin trading on Greek equities, affected by the exhaustive negotiations between the Greek government and creditors that had eventually been concluded in May and investors' wait-and-see stance ahead of the Brexit referendum that took place on June 23th. In this uncertain environment, average daily traded value in the cash market shaped at EUR 80m in 2Q16, down by 7% yo-y, while the average market capitalization of the Greek bourse dropped by 8% to EUR 43bn. We look for revenues of EUR 7.6m (-10% y-o-y), EBITDA of EUR 3.4m (-9% y-o-y) and net profits of EUR 2.0m (-10% y-o-y).

Analyst(s): **Dimitris Birbos** +30 210 81 73 392 dbirbos@ibq.qr For important disclosure information, please refer to the disclaimer page of this report

For company description please see summary table footnote

Produced by:



All ESN research is available on Bloomberg ("ESNR"), Thomson-Reuters, Capital IQ, FactSet



CONTENTS

2Q16 results preview	3
Forecasts revision	4
Valuation	7
DCF valuation	7
Sensitivity on DCF valuation	8
Risks to our valuation	8
1Q 2016 Financial Results	9
ESN Recommendation System	16
Stock Ratings	17



2Q16 results preview

Hellenic Exchanges-Athens Stock Exchange (ATHEX) will release its 2Q16 results on July 25h, post market close. The company will hold a conference call on the next day at 16:00 Athens time (14:00 UK time).

We expect a soft performance in 2Q16 on the back of a thin trading activity on Greek equities, affected by the exhaustive negotiations between the Greek government and the country's creditors that had eventually been concluded in May and investors' wait-and-see stance ahead of the Brexit referendum that took place on June 23th. In this uncertain environment, average daily traded value in the cash market shaped at EUR 80m in 2Q16, down by 7% y-o-y, while the average market capitalization of the Greek bourse dropped by 8% to EUR 43bn versus in 2Q nearly EUR 47bn in the same period of 2015.

Likewise, the trading activity in the derivatives market was weak in 2Q with the average daily number of derivatives contracts shaping at 75k contracts compared to 104k in the respective quarter of 2015. In particular, we forecast revenues of EUR 3.2m (-7% y-o-y) from the trading and clearing of shares, while ATHEX's turnover from derivatives is seen dropping by 33% to EUR 0.6m. Revenues from other sources are estimated at EUR 3.9m (-7% y-o-y) in 2Q, reflecting lower fees from listed companies and operators that are linked to market capitalization. On the whole, we look for revenues of EUR 7.6m in 2Q16, down by 10% y-o-y, driving projected first-half revenues to EUR 15m (-18% y-o-y).

We have assumed operating expenses of EUR 3.8m compared to EUR 5.5m a year ago. We remind that ATHEX's operating expenses in 2Q15 had been augmented by nonrecurring provisions of EUR 0.65m, a capital concentration tax of EUR 0.44m and fees of EUR 0.10m concerning the share capital increase of the Athens Exchange. HCMC fee is estimated at EUR 0.33m vs. EUR 0.37m a year ago. As a result, we forecast quarterly EBITDA of EUR 3.4m, down by 9% on a like-for-like basis (excluding one-off expenses), while ATHEX's 1H16e EBITDA is estimated at EUR 6.6m, down by 29% y-o-y on a comparable basis.

Below the EBITDA line we have assumed: a) depreciation expenses of EUR 0.65m (vs. EUR 0.50m a year ago), b) net finance income of EUR 0.16m (vs. EUR 0.45m a year ago) and c) income taxes of EUR 0.94m compared to tax expenses of EUR 1.2m in 2Q15, assuming an effective tax rate of 31%. We forecast quarterly net earnings of EUR 2.0m, (-10% y-o-y on a comparable basis), leading to 1H16e net profits of EUR 3.8m (-39% y-o-y on a comparable basis).

EUR m	1H15	1H16e	YoY	2Q15	2Q16e	YoY
Revenues	18.5	15.2	-17.7%	8.4	7.6	-10.1%
EBITDA adj*	9.3	6.6	-28.5%	3.8	3.4	-9.2%
Margin (%)	50.0%	43.4%	-70bps	44.7%	45.1%	50bps
Net profits	5.4	3.8	-29.1%	1.4	2.0	45.9%
Net profits adj*	6.3	3.8	-38.7%	2.2	2.0	-9.9%

ATHEX Group: 2Q /1H 2016 P&L estimates

Source: IBG Research, Company, * Excluding one-off costs from 2Q/1H15 results



Forecasts revision

We have trimmed down our P&L forecasts following the downward revision of our estimates about average daily transaction (ADT) value to reflect the thin trading activity in the first half of 2016 (ie EUR 76m) and the repercussions of the Brexit referendum and the troubles of Italian banks on investors' appetite for emerging markets like Greece, which still faces uncertainties vis-à-vis the implementation of its bailout program. We now look for an average daily transaction value of EUR 85m for 2016 (vs. EUR 110m previously) and EUR 110m for 2017 (vs. EUR 135m previously). We note that 2017 is deemed as a quite challenging year for the Greek bourse due to the forthcoming elections in France and Germany and the possibility for general elections in UK, Spain and Italy, as well as Greece.

Revenues

We look for revenues of EUR 33.4m (-5% y-o-y, 15% below our old forecast) for 2016 and EUR 38.7m (+16% y-o-y, 15% below our previous call). Trading and clearing fees from shares would remain the key revenue source accounting for 41% of group's revenues in 2016, followed by other services with 35%. We have not factored in any significant revenues from rights issues or IPOs, while the new market of corporate bonds is expected to have a limited contribution to ATHEX's financials. Recall that last year, the Greek bourse operated 223 days due to the 5-week closure after the imposition of capital controls, compared to 250 days this year.

EUR m	2015	2016f	2017f	2018f	2019f	2020f
Shares (Trading + Clearing)	12.4	13.7	17.8	21.1	25.9	29.1
Derivatives (Trading + Clearing)	2.8	2.6	2.8	3.2	3.5	3.8
Exchange	5.9	3.3	3.8	4.1	4.5	4.6
Other	12.1	11.7	12.3	12.8	13.3	13.8
Revenue from main activities	33.1	31.3	36.6	41.1	47.1	51.3
% change	-27.4%	-5.4%	16.8%	12.2%	14.8%	8.7%
X-NET - New services	1.9	2.0	2.1	2.2	2.3	2.4
Revenue	35.0	33.4	38.7	43.3	49.5	53.7
% change	-25.9%	-4.8%	16.1%	11.8%	14.3%	8.5%

Revenue estimates

Source: IBG Research, Company

Key revenue assumptions

Parameter	2016f	2017f	2018f	2019f	2020f
Cash market - Avg daily traded value (EUR m)	85	110	130	160	180
Turnover Velocity	50%	56%	57%	60%	62%
Avg MCAP (EUR bn)	42.4	51.6	60.0	70.1	76.5
MCAP / GDP	24%	28%	32%	35%	37%
Derivatives - Avg daily traded volume (000's contracts)	65	65	70	73	75
Source: IBG Research					



Earnings

On the cost side, we have assumed a slow increase in operating expenses with personnel expenses representing more than 50% of total costs. We have mentioned in our previous reports that ATHEX's profitability is highly sensitive to the spikes in its top line due to the increased proportion of fixed costs in its cost base (more than 75% on our estimates). That said, following the downward revision to our top line forecasts, we have adjusted our earnings estimates for 2016-2020 accordingly. In particular, we forecast EBITDA of EUR 13.0m for 2016, down by 13% y-o-y, and EUR 17.5m (+35% y-o-y) for 2017, pointing to a margin in the area of 40% for both years. Our new EBITDA forecasts stand 27% below our previous ones over 20160-2020.

Below the EBITDA line, we have raised our projections on depreciation expenses to EUR 2.6m from EUR 2.0m previously, following the increase in the fair value of ATHEX's buildings, while we have reduced our estimates on interest income given the decrease of cash balances due to the implementation of the share buy-back program and lower deposit rates prevailing in the market place. We have also increased the effective tax rate to 31% from 29% previously, given that it stood at 32.8% in FY15 and 31.8% in the first quarter of 2016. Based on these assumptions, we have cut our net earnings forecasts by 39% for 2016 and 34% for 2017, expecting net profits of EUR 7.7m for 2016 (-15% y-o-y) and EUR 10.8m (+41% y-o-y) for 2017.

Our earnings estimates are very sensitive to the trading activity in the cash market. More specifically, every EUR 10m additional average traded value in ATHEX in 2016 translates into incremental EBITDA of EUR 1.6m (9% impact on our FY17e EBITDA) and incremental net earnings of EUR 1.1m (10% impact on our FY17e net profits), all other things being equal, adding EUR 0.20 to our new target price.

Free cash flows

We have assumed limited capex requirements of EUR 2.2m and negligible working capital needs in the medium-term driving our FCF estimates to EUR 12m for 2017 and EUR 15m for 2018. For 2016, we are more conservative looking for free cash flows of EUR 4.0m on the back of higher working capital needs associated to the 0.20% sales tax associated to December 2015 traded value, which is payable in January 2016. We remind that the average daily traded value last December was boosted by the recapitalization of Greek banks, shaping at EUR 188m vs. EUR 103m in Dec-14.

Dividends

As far as dividend policy is concerned, the implementation of the share buy-back program will require a total outflow of EUR 30m, reducing group's net cash position to the critical level of EUR 100m, rendering prohibitive the distribution of special dividends in the form of capital returns from now on.

Recall that shareholders have approved the repurchase of up to 10% of ATHEX's shares (i.e. .6.54m shares) in the price range of EUR 1.5 to EUR 7.0 and with the intention of cancelling at least 95% of those shares and distributing the remaining 5% to personnel. As at July 6, ATHEX has repurchased 2.17m shares (3.3% of its share capital) at an average price of EUR 4.8/share, thus it had already consumed more than EUR 10m of its cash for the buy-back program.

Having these in mind, we have assumed that the company will distribute only ordinary dividends from annual profitability and have pencilled in 70% dividend payout ratio. We forecast the distribution of EUR 5.8m for FY16 and EUR 7.6m for FY17, pointing to a DPS of EUR 0.09/share and EUR 0.12/share respectively, excluding treasury shares as of 6/7/2016.



P&L forecasts

EUR m	2015	2016f	2017f	2018f	2019f	2020f
Revenues	35.0	33.4	38.7	43.3	49.5	53.7
% change	-25.9%	-4.8%	16.1%	11.8%	14.3%	8.5%
HCMC fee	1.4	1.4	1.8	2.1	2.6	2.9
Operating revenue	33.7	31.9	36.9	41.2	46.9	50.8
Operating expenses	18.7	19.0	19.4	19.9	20.4	21.0
% change	-3.4%	1.3%	2.3%	2.6%	2.9%	2.9%
EBITDA	15.0	13.0	17.5	21.3	26.5	29.8
EBITDA margin	42.7%	38.9%	45.3%	49.2%	53.5%	55.5%
% change	-41.9%	-13.2%	35.2%	21.4%	24.3%	12.5%
Depreciation	2.1	2.6	2.7	2.7	2.6	2.5
EBIT	12.9	10.4	14.8	18.6	23.9	27.2
Interest Income	1.6	0.8	0.9	0.9	1.0	1.0
Interest Expenses & Other	1.0	0.0	0.0	0.0	0.0	0.0
Profit before tax	13.5	11.1	15.7	19.5	24.8	28.2
Income tax	4.4	3.5	4.9	6.1	7.7	8.7
Net profits	9.0	7.7	10.8	13.5	17.1	19.5
% change	-57%	-15%	41%	25%	27%	14%
Comp net profits (IBGe)	10.3	7.7	10.8	13.5	17.1	19.5
% change	-53%	-25%	41%	25%	27%	14%

Source: Company, IBG Research

Forecast Changes

EUR m	2016f	2017f	2018f	2019f	2020f
Average Trading Volume - New	85	110	130	160	180
Average Trading Volume - Old	110	135	160	190	225
New vs. Old (%)	-23%	-18%	-19%	-16%	-20%
Average MCAP - New	42,398	51,575	59,994	70,122	76,528
Average MCAP - Old	51,664	63,236	74,233	84,245	96,418
New vs. Old (%)	-18%	-18%	-19%	-17%	-21%
Revenues - New	33.4	38.7	43.3	49.5	53.7
Revenues – Old	39.2	45.5	51.9	58.7	65.4
New vs. Old (%)	-15%	-15%	-17%	-16%	-18%
EBITDA - New	13.0	17.5	21.3	26.5	29.8
EBITDA - Old	18.4	23.9	29.3	35.0	40.6
New vs. Old (%)	-30%	-26%	-27%	-24%	-27%
Net Income - New	7.7	10.8	13.5	17.1	19.5
Net Income - Old	12.5	16.3	20.1	24.2	28.2
New vs. Old (%)	-39%	-34%	-33%	-29%	-31%
Courses IDC Desserab					

Source: IBG Research



Valuation

DCF valuation

We are using a 2-stage DCF model for the valuation of ATHEX Group, developing explicit forecasts for the period 2017-2020. We have increased the discount rate (cost of equity) by 50bps to 10.0% to take into account the repercussions of the Brexit referendum and the worries about Italian banks to investors' interest for Greek equities, while we have maintained the terminal growth rate at 1.5%.

We have used projected net cash position as of 31.12.2016 in order to take into account the cash outflow related to the share buy-back program, as well as the payment of the special dividend in the form of a share capital return amounting to EUR 14m, which it will commnece on July 11. In addition, we have incorporated in our calculations, the market value of the 13,365,316 shares of Piraeus Bank held by the company.

An important change in our valuation analysis is the removal of the 15% 'low visibility' factor from the estimated fair value of the stock, following the successful conclusion of the first review of the third bailout program that has proved the commitment of the SYRIZA/ANEL coalition government to implement country's program as this was agreed with creditors.

Finally, we have excluded from the number of shares those that the company has already repurchased (ie. 2.17m shares as of 6.7.2016).

Based on our new set of earnings forecasts and the changes in valuation assumptions, our DCF model yields a target price of **EUR 5.10/share (**vs. EUR 5.60/share previously). Our new target price implies a 23% upside potential from current levels, thus we maintain our '**Buy**' rating on the stock.

EUR m	2017f	2018f	2019f	2020f
Average daily transaction value	110	130	160	180
Revenues	38.7	43.3	49.5	53.7
EBIT	14.8	18.6	23.9	27.2
Less: Income Tax	4.9	6.1	7.7	8.7
Plus: Depreciation	2.7	2.7	2.6	2.5
Less: Change in Working Capital	-1.1	-1.0	-1.2	-1.1
Less: CAPEX	2.2	2.2	2.2	2.2
Free Cash Flow to the Firm	11.6	14.1	17.7	19.9
WACC	10.0%	10.0%	10.0%	10.0%
PV of FCFF 2017 - 2020	10.5	11.6	13.3	13.6
Sum of PV of FCFF 2017 - 2020	49			
Terminal Growth Rate (Perpetuity)	1.5%			
Discounted Terminal Value (Perpetuity)	162			
Enterprise Value	211			
Less: Net Debt / (Cash) FY16e	-111			
Plus: Investment in securities	2			
Equity Value	325			
Number of Shares Outstanding (excl treasury shares)	63.2			
Value per Share	5.10			
Visibility discount	0.0%			
Target price	5.10			
Source, IPC Passarah: Note: Pounding included in above calculation	ne			

DCF Valuation

Source: IBG Research; Note: Rounding included in above calculations



Sensitivity on DCF valuation

We provide below a sensitivity analysis of our valuation results (after the discount factor) with respect to the discount rate and the perpetuity growth rate.

Our sensitivity analysis yields a **EUR 4.10 – EUR 6.10** price range for ATHEX, which implies that current price levels reflect short-term risks (ie rising uncertainties in international markets on Brexit and Italy, Greek GDP to contract in 2016) to a great extent.

			Weighted Average Cost of Capital						
		9.0%	10.0%	11.0%	12.0%	13.0%			
Terminal Growth	0.50%	5.20	4.80	4.50	4.30	4.10			
rate	1.50%	5.60	5.10	4.80	4.50	4.20			
	2.50%	6.10	5.50	5.10	4.70	4.40			

DCF valuation sensitivity - WACC and perpetuity rate (EUR/share)

Source: IBG Research

Risks to our valuation

- ATHEX's earnings performance largely depends on the trading activity in the cash market (41% of FY16e revenues), which in turn is sensitive to country-specific risks. Our valuation is based on the assumption that the political and economic environment in Greece will gradually stabilize in the coming months. Obviously, a stable political environment that is a necessary condition for the implementation of structural reforms will improve the earnings potential and the risk profile of Greek equities, thus positively affecting investor appetite for local names.
- ATHEX's cash is deposited in the Bank of Greece (c. EUR 30m) and Greek systemic banks (the remaining EUR 110m), which means that the company is greatly exposed to a potential bail-in.
- The top-10 listed companies in ATHEX currently represent more than 70% of the daily traded value. Thus, ATHEX's attractiveness would be affected by the potential delisting of any of the key names and the current scarcity of new listings.
- At the level of a daily transaction value of EUR 60-70m, the risk of the arrival of a new competitor looks rather limited. However, when trading activity starts recovering in the mid-term competition could emerge, reducing ATHEX's pricing power.
- The pricing structure of ATHEX Group is more expensive compared to developed markets but remains broadly in line with regional bourses. There is a risk of a downward revision to the pricing policy when volumes recover but we do not foresee such risk in the short-term.



1Q 2016 Financial Results

ATHEX Group (EXAE) reported weak results for the first quarter of 2016 reflecting the drop in both trading activity and the capitalization of the cash market. In particular, revenues came in at EUR 7.7m (-24% y-o-y), EBITDA dropped 42% y-o-y to EUR 3.2m, while net profits shaped at EUR 1.9m, down by 54% y-o-y. ATHEX's results were in line with consensus estimates but stood above our estimates for revenues of EUR 7.0m, EBITDA of EUR 2.8m and net profits of EUR 1.7m.

Operating expenses shaped at EUR 4.2m, slightly up by 1.4% y-o-y reflecting higher personnel expenses (+1% y-o-y) and third party fees (+18% y-o-y). ATHEX's net cash position at the end of March 2016 shaped at EUR 134.3m compared to EUR 137.2m as at December 31st 2015.

The positive surprise against our revenue estimates is mainly attributed to the higher than we had expected revenues from exchange and depository services due to the one-off income from Attica Bank's rights issue, which was concluded at the end of December 2015 but the company received the fee in January 2016.

On the whole, ATHEX's 1Q16 results mirrored the reduced trading activity in the cash market (ADT value down 38% y-o-y) and the derivatives market (-23% y-o-y drop in the average daily volume), as well as a lower market capitalization (average MCAP of EUR 39bn in 1Q16 vs. EUR 49bn a year ago).

EUR m	1Q:16	1Q:15	у-о-у
Trading	1.3	2.1	-37.9%
Clearing	2.4	4.1	-40.9%
Other Revenues	3.9	3.8	1.9%
Revenues	7.7	10.1	-24.0%
Capital Market Commission Fee	-0.3	-0.5	-37.9%
Total Net Revenue	7.3	9.6	-23.3%
Operating Expenses	-3.8	-3.8	1.8%
Other expenses	-0.3	-0.3	-3.0%
EBITDA	3.2	5.5	-41.8%
EBITDA Margin (%)	41.7%	54.5%	-1,280bps
Non-recurring items	0.0	0.0	
Comp EBITDA*	3.2	5.5	-41.8%
Margin (%)	41.7%	54.5%	-1,280bps
Depreciation	-0.7	-0.5	42.6%
EBIT	2.5	5.0	-49.5%
Financial Results, Net	0.2	0.6	-69.0%
Profit before Tax	2.7	5.6	-51.6%
Income Tax	-0.9	-1.5	
Net profit after tax	1.9	4.1	-54.4%
Comparable net (IBGe)*	1.9	4.1	-54.4%

1Q 2016 Financial Results

Source: IBG Research, Company, Excluding one-off cost items



ATHEX Group: Summary tables

ATHEX Group: Summary tables	10/0010	10/0011	40/004 5	10/00/0	10/00/1	10/00/0
PROFIT & LOSS (EURm) Sales	12/2013 81.5	12/2014 47.3	12/2015 35.0	12/2016e 33.4	12/2017e 38.7	12/2018e 43.3
Cost of Sales & Operating Costs	-20.4	-20.9	-19.7	-20.1	-20.9	43.3 -21.7
Non Recurrent Expenses/Income	-20.4 -0.6	-20.9 -0.6	-19.7 -0.4	-20.1	-20.9 -0.3	-21.7
EBITDA	60.5	-0.0 25.8	-0.4 15.0	13.0	-0.5 17.5	-0.3 21.3
EBITDA (adj.)*	61.1	26.4	15.3	13.3	17.8	21.5
Depreciation	-1.4	-1.8	-2.1	-2.6	-2.7	-2.7
EBITA	59.1	24.0	12.9	10.4	14.8	18.6
EBITA (adj)*	59.7	24.6	13.3	10.7	15.1	18.9
Amortisations and Write Downs	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	59.1	24.0	12.9	10.4	14.8	18.6
EBIT (adj.)*	59.7	24.6	13.3	10.7	15.1	18.9
Net Financial Interest	4.0	3.7	0.6	0.8	0.8	0.9
Other Financials	0.0	0.0	0.0	0.0	0.0	0.0
Associates	0.0	0.0	0.0	0.0	0.0	0.0
Other Non Recurrent Items	0.0	0.0	0.0	0.0	0.0	0.0
Earnings Before Tax (EBT)	63.1	27.7	13.5	11.1	15.7	19.5
Тах	-30.8	-6.6	-4.4	-3.5	-4.9	-6.1
Tax rate	48.8%	24.0%	32.8%	31.0%	31.0%	31.0%
Discontinued Operations	0.0	0.0	0.0	0.0	0.0	0.0
Minorities	0.0	0.0	0.0	0.0	0.0	0.0
Net Profit (reported)	32.3	21.0	9.0	7.7	10.8	13.5
Net Profit (adj.)	27.4	21.9	10.3	7.7	10.8	13.5
CASH FLOW (EURm)	12/2013	12/2014	12/2015	12/2016e	12/2017e	12/2018e
Cash Flow from Operations before change in NWC	54.7	4.2	6.9	10.3	13.5	16.1
Change in Net Working Capital	1.9	-0.3	1.7	-4.3	1.1	1.0
Cash Flow from Operations	56.7	4.0	8.6	6.0	14.6	17.2
	-0.5	-2.2	-2.5	-2.2	-2.2	-2.2
Net Financial Investments	0.0	0.0	0.0	0.0	0.0	0.0
Free Cash Flow	56.2	1.8	6.1	3.8	12.4	15.0
Dividends	-5.9	0.0	-13.7	-6.5	-5.4	-7.6
Other (incl. Capital Increase & share buy backs)	-2.0 48.4	-13.1 -11.3	-6.7 -14.3	-23.3 -26.0	-0.1 7.0	-0.1 7.3
Change in Net Debt						
	44.2	18.2	u л	16	107	135
NOPLAT	44.2	18.2	9.4	7.6	10.7	13.5
BALANCE SHEET & OTHER ITEMS (EURm)	12/2013	12/2014	12/2015	12/2016e	12/2017e	12/2018e
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets	12/2013 24.3	12/2014 23.3	12/2015 23.1	12/2016e 21.5	12/2017e 19.9	12/2018e 18.4
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill)	12/2013 24.3 2.2	12/2014 23.3 3.8	12/2015 23.1 5.2	12/2016e 21.5 6.4	12/2017e 19.9 7.5	12/2018e 18.4 8.5
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other	12/2013 24.3 2.2 6.6	12/2014 23.3 3.8 7.5	12/2015 23.1 5.2 4.6	12/2016e 21.5 6.4 4.6	12/2017e 19.9 7.5 4.6	12/2018e 18.4 8.5 4.6
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets	12/2013 24.3 2.2 6.6 33.1	12/2014 23.3 3.8 7.5 34.6	12/2015 23.1 5.2 4.6 32.9	12/2016e 21.5 6.4 4.6 32.5	12/2017e 19.9 7.5 4.6 32.0	12/2018e 18.4 8.5 4.6 31.5
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories	12/2013 24.3 2.2 6.6 33.1 0.0	12/2014 23.3 3.8 7.5 34.6 0.0	12/2015 23.1 5.2 4.6 32.9 0.0	12/2016e 21.5 6.4 4.6 32.5 0.0	12/2017e 19.9 7.5 4.6 32.0 0.0	12/2018e 18.4 8.5 4.6 31.5 0.0
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables	12/2013 24.3 2.2 6.6 33.1 0.0 19.3	12/2014 23.3 3.8 7.5 34.6 0.0 17.2	12/2015 23.1 5.2 4.6 32.9 0.0 19.5	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets	12/2013 24.3 2.2 6.6 33.1 0.0 19.3 0.0	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-)	12/2013 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets	12/2013 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-)	12/2013 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity	12/2013 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets	12/2013 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority	12/2013 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity	12/2013 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt	12/2013 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 178 0.0	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions	12/2013 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 181 0.0 2.3	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 3.0	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 178 0.0 3.2	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 3.1	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 3.1	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities	12/2013 24.3 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 181 0.0 2.3 21.4	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 3.0 1.2	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 3.2 -5.5	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 3.1 -3.9	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 3.1 -3.9	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0 -4.0
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities	12/2013 24.3 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 181 0.0 2.3 21.4 23.6 0.0 10.2	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 189 0.0 3.0 1.2 4.2 0.0 9.2	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 3.2 -5.5 -2.3 0.0 13.2	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 3.1 -3.9 -0.8 0.0 8.3	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 3.1 -3.9 -0.9 0.0 10.0	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0 -4.0 -1.0 0.0 11.4
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities Short term interest bearing debt Trade payables Other current liabilities	12/2013 24.3 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 2.3 21.4 23.6 0.0 10.2 0.0	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 3.0 1.2 4.2 0.0 9.2 0.0	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 3.2 -5.5 -2.3 0.0 13.2 0.0	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 3.1 -3.9 -0.8 0.0 8.3 0.0	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 160 0.0 3.1 -3.9 -0.9 0.0 10.0 0.0	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0 -4.0 -1.0 0.0 11.4 0.0
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Short term interest bearing debt Trade payables Other current liabilities	12/2013 24.3 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 181 0.0 2.3 21.4 23.6 0.0 10.2 0.0 10.2 0.0 10.2	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 189 0.0 3.0 1.2 4.2 0.0 9.2 0.0 9.2	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 3.2 -5.5 -2.3 0.0 13.2 0.0 13.2 0.0 13.2	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 3.1 -3.9 -0.8 0.0 8.3 0.0 8.3	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 3.1 -3.9 -0.9 0.0 10.0 0.0 10.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0 -4.0 -1.0 0.0 11.4 0.0
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Current Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Short term interest bearing debt Trade payables Other current Liabilities Total Long Term Liabilities Total Long Term Liabilities Total Long Term Liabilities Total Current Liabilities	12/2013 24.3 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 2.3 21.4 23.6 0.0 10.2 0.0 10.2 0.0 10.2 215	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 189 0.0 3.0 1.2 4.2 0.0 9.2 0.0 9.2 203	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 178 0.0 3.2 -5.5 -2.3 0.0 13.2 0.0 13.2 0.0 13.2 189	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 3.1 -3.9 -0.8 0.0 8.3 0.0 8.3 162	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 160 0.0 160 0.0 160 0.0 160 0.0 160 0.0 160 0.0 160 0.0 160 0.0 10.0 10.0 169	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0 -4.0 -1.0 0.0 11.4 0.0 11.4 176
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities Short term interest bearing debt Trade payables Other current Liabilities Total Long Term Liabilities Total Current Liabilities Total Current Liabilities Total Current Liabilities	12/2013 24.3 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 2.3 21.4 23.6 0.0 10.2 0.0 10.2 215 42.2	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 189 0.0 3.0 1.2 4.2 0.0 9.2 0.0 9.2 203 42.5	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 178 0.0 3.2 -5.5 -2.3 0.0 13.2 0.0 13.2 189 39.1	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 3.1 -3.9 -0.8 0.0 8.3 0.0 8.3 162 43.0	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 3.1 -3.9 -0.9 0.0 10.0 10.0 169 41.4	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0 -4.0 -1.0 0.0 11.4 0.0 11.4 176 39.9
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Current Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Short term interest bearing debt Trade payables Other current Liabilities Total Long Term Liabilities Total Long Term Liabilities Total Long Term Liabilities Total Current Liabilities	12/2013 24.3 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 2.3 21.4 23.6 0.0 10.2 0.0 10.2 0.0 10.2 215	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 189 0.0 3.0 1.2 4.2 0.0 9.2 0.0 9.2 203	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 178 0.0 3.2 -5.5 -2.3 0.0 13.2 0.0 13.2 0.0 13.2 189	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 3.1 -3.9 -0.8 0.0 8.3 0.0 8.3 162	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 160 0.0 160 0.0 160 0.0 160 0.0 160 0.0 160 0.0 160 0.0 160 0.0 10.0 10.0 169	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0 -4.0 -1.0 0.0 11.4 0.0 11.4 176
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities Short term interest bearing debt Trade payables Other current Liabilities Total Long Term Liabilities Total Current Liabilities Total Equity Long Term Liabilities Total Long Term Liabilities Total Long Term Liabilities Total Current Liabilit	12/2013 24.3 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 2.3 21.4 23.6 0.0 10.2 0.0 10.2 215 42.2 8.5	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 1.2 4.2 0.0 9.2 0.0 9.2 0.0 9.2 203 42.5 7.3	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 178 0.0 3.2 -5.5 -2.3 0.0 13.2 0.0 13.2 189 39.1 5.4	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 3.1 -3.9 -0.8 0.0 8.3 0.0 8.3 162 43.0 9.7 12/2016e	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 3.1 -3.9 -0.9 0.0 10.0 10.0 10.0 169 41.4 8.6 12/2017e	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0 -4.0 -1.0 0.0 11.4 0.0 11.4 0.0 11.4 176 39.9 7.6 12/2018e
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities Short term interest bearing debt Trade payables Other current Liabilities Total Current Liabilities Total Current Liabilities Gottal Labilities and Shareholders' Equity Net Capital Employed Net Working Capital GROWTH & MARGINS Sales growth	12/2013 24.3 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 2.3 21.4 23.6 0.0 10.2 0.0 10.2 0.0 10.2 215 42.2 8.5 12/2013 146.6%	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 1.2 4.2 0.0 9.2 0.0 9.2 0.0 9.2 203 42.5 7.3	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 178 0.0 3.2 -5.5 -2.3 0.0 13.2 0.0 13.2 189 39.1 5.4 12/2015 -25.9%	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 3.1 -3.9 -0.8 0.0 8.3 0.0 8.3 162 43.0 9.7 12/2016e -4.8%	12/2017e 19.9 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 160 0.0 3.1 -3.9 -0.9 0.0 10.0 10.0 10.0 169 41.4 8.6 12/2017e 16.1%	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0 -4.0 -1.0 0.0 11.4 0.0 11.4 0.0 11.4 176 39.9 7.6 12/2018e 11.8%
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities Short term interest bearing debt Trade payables Other current Liabilities Total Curre	12/2013 24.3 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 2.3 21.4 23.6 0.0 10.2 0.0 10.2 215 42.2 8.5 12/2013 146.6% 442.5%	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 1.2 4.2 0.0 9.2 0.0 9.2 203 42.5 7.3 12/2014 -42.0% -56.8%	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 178 0.0 3.2 -5.5 -2.3 0.0 13.2 0.0 13.2 189 39.1 5.4 12/2015 -25.9% -42.0%	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 154 0.0 3.1 -3.9 -0.8 0.0 8.3 0.0 8.3 0.0 8.3 162 43.0 9.7 12/2016e -4.8% -13.3%	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 160 0.0 3.1 -3.9 -0.9 0.0 10.0 10.0 10.0 169 41.4 8.6 12/2017e 16.1% 34.4%	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0 -4.0 -1.0 0.0 11.4 0.0 11.4 0.0 11.4 176 39.9 7.6 12/2018e 11.8% 21.0%
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities Short term interest bearing debt Trade payables Other current Liabilities Total Curre	12/2013 24.3 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 2.3 21.4 23.6 0.0 10.2 0.0 10.2 215 42.2 8.5 12/2013 146.6% 442.5% 530.8%	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 189 0.0 1.2 4.2 0.0 9.2 0.0 9.2 0.0 9.2 203 42.5 7.3 12/2014 -42.0% -56.8% -58.8%	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 178 0.0 3.2 -5.5 -2.3 0.0 13.2 0.0 13.2 189 39.1 5.4 12/2015 -25.9% -42.0% -46.1%	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 154 0.0 3.1 -3.9 -0.8 0.0 8.3 0.0 8.3 0.0 8.3 162 43.0 9.7 12/2016e -4.8% -13.3% -19.6%	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 160 0.0 3.1 -3.9 -0.9 0.0 10.0 10.0 10.0 169 41.4 8.6 12/2017e 16.1% 34.4% 42.0%	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0 -4.0 -1.0 0.0 11.4 0.0 11.4 0.0 11.4 176 39.9 7.6 12/2018e 11.8% 21.0% 25.2%
BALANCE SHEET & OTHER ITEMS (EURm) Net Tangible Assets Net Intangible Assets (incl.Goodwill) Net Financial Assets & Other Total Fixed Assets Inventories Trade receivables Other current assets Cash (-) Total Current Assets Total Assets Shareholders Equity Minority Total Equity Long term interest bearing debt Provisions Other long term liabilities Total Long Term Liabilities Short term interest bearing debt Trade payables Other current Liabilities Total Curre	12/2013 24.3 24.3 2.2 6.6 33.1 0.0 19.3 0.0 -163 182 215 181 0.0 181 0.0 2.3 21.4 23.6 0.0 10.2 0.0 10.2 215 42.2 8.5 12/2013 146.6% 442.5%	12/2014 23.3 3.8 7.5 34.6 0.0 17.2 0.0 -152 169 203 189 0.0 189 0.0 1.2 4.2 0.0 9.2 0.0 9.2 203 42.5 7.3 12/2014 -42.0% -56.8%	12/2015 23.1 5.2 4.6 32.9 0.0 19.5 0.0 -137 157 190 178 0.0 178 0.0 178 0.0 3.2 -5.5 -2.3 0.0 13.2 0.0 13.2 189 39.1 5.4 12/2015 -25.9% -42.0%	12/2016e 21.5 6.4 4.6 32.5 0.0 18.8 0.0 -111 130 162 154 0.0 154 0.0 154 0.0 3.1 -3.9 -0.8 0.0 8.3 0.0 8.3 0.0 8.3 162 43.0 9.7 12/2016e -4.8% -13.3%	12/2017e 19.9 7.5 4.6 32.0 0.0 19.4 0.0 -118 138 170 160 0.0 160 0.0 160 0.0 3.1 -3.9 -0.9 0.0 10.0 10.0 10.0 169 41.4 8.6 12/2017e 16.1% 34.4%	12/2018e 18.4 8.5 4.6 31.5 0.0 19.8 0.0 -126 145 177 166 0.0 166 0.0 3.0 -4.0 -1.0 0.0 11.4 0.0 11.4 0.0 11.4 176 39.9 7.6 12/2018e 11.8% 21.0%



ATHEX Group: Summary tables						
GROWTH & MARGINS	12/2013	12/2014	12/2015	12/2016e	12/2017e	12/2018e
Net Profit growth	127.5%	-20.1%	-52.8%	-25.4%	40.6%	24.7%
EPS adj. growth	127.5%	-20.1%	-52.8%	-25.4%	40.6%	24.7%
DPS adj. growth	66.7%	60.0%	0.0%	-73.4%	40.6%	24.7%
EBITDA (adj)* margin	75.0%	55.8%	43.7%	39.8%	46.1%	49.9%
EBITA (adj)* margin	73.3%	52.0%	37.8%	31.9%	39.1%	43.8%
EBIT (adj)* margin	73.3%	52.0%	37.8%	31.9%	39.1%	43.8%
RATIOS	12/2013	12/2014	12/2015	12/2016e	12/2017e	12/2018e
Net Debt/Equity	-0.9	-0.8	-0.8	-0.7	-0.7	-0.8
Net Debt/EBITDA	-2.7	-5.9	-9.2	-8.6	-6.7	-5.9
Interest cover (EBITDA/Fin.interest)	n.m.	n.m.	n.m.	n.m.	n.m.	n.m.
Capex/D&A	33.7%	121.7%	118.5%	83.8%	81.0%	83.0%
Capex/Sales	0.6%	4.6%	7.0%	6.6%	5.7%	5.1%
NWC/Sales	10.4%	15.4%	15.5%	29.1%	22.2%	17.5%
ROE (average)	16.4%	11.8%	5.6%	4.6%	6.9%	8.3%
ROCE (adj.)	126.3%	53.0%	27.9%	20.1%	29.8%	39.0%
WACC	12.5%	9.5%	9.5%	9.5%	10.0%	10.0%
ROCE (adj.)/WACC	10.1	5.6	2.9	2.1	3.0	3.9
PER SHARE DATA (EUR)***	12/2013	12/2014	12/2015	12/2016e	12/2017e	12/2018e
Average diluted number of shares	65.4	65.4	65.4	65.4	65.4	65.4
EPS (reported)	0.49	0.32	0.14	0.12	0.17	0.21
EPS (adj.)	0.42	0.33	0.16	0.12	0.17	0.21
BVPS	2.77	2.89	2.72	2.36	2.44	2.53
DPS	0.20	0.32	0.32	0.09	0.12	0.15
VALUATION	12/2013	12/2014	12/2015	12/2016e	12/2017e	12/2018e
EV/Sales	4.3	3.1	5.9	4.7	3.9	3.3
EV/EBITDA	5.8	5.7	13.8	12.1	8.6	6.7
EV/EBITDA (adj.)*	5.8	5.6	13.5	11.8	8.4	6.6
EV/EBITA	6.0	6.1	16.1	15.2	10.1	7.7
EV/EBITA (adj.)*	5.9	6.0	15.6	14.8	9.9	7.5
EV/EBIT	6.0	6.1	16.1	15.2	10.1	7.7
EV/EBIT (adj.)*	5.9	6.0	15.6	14.8	9.9	7.5
P/E (adj.)	19.1	13.8	33.6	35.2	25.0	20.1
P/BV	2.9	1.6	1.9	1.8	1.7	1.6
Total Yield Ratio	0.0%	4.6%	2.4%	5.8%	6.7%	7.3%
EV/CE	10.1	4.3	6.1	4.2	4.2	4.1
OpFCF yield	10.7%	0.6%	1.8%	1.4%	4.6%	5.5%
OpFCF/EV	15.9%	1.2%	3.0%	2.4%	8.3%	10.5%
Payout ratio	40.5%	99.5%	n.m.	72.4%	72.4%	72.4%
Dividend yield (gross)	2.5%	7.0%	7.7%	2.1%	2.9%	3.6%
EV AND MKT CAP (EURm)	12/2013	12/2014	12/2015	12/2016e	12/2017e	12/2018e
Price** (EUR)	8.00	4.60	5.30	4.14	4.14	4.14
			65.4	65.4	65.4	65.4
Outstanding number of shares for main stock	65.4	65.4				
	65.4 523	65.4 301	346	271	271	271
Outstanding number of shares for main stock Total Market Cap Net Debt						271 -126
Outstanding number of shares for main stock Total Market Cap	523	301	346	271	271	
Outstanding number of shares for main stock Total Market Cap Net Debt	523 -163	301 -152	346 -137	271 -111	271 -118	-126
Outstanding number of shares for main stock Total Market Cap Net Debt o/w Cash & Marketable Securities (-)	523 - 163 - <i>1</i> 63	301 - 152 -152	346 -137 -137	271 -111 -111	271 -118 -118	-126 - <i>126</i>

Source: Company, Investment Bank of Greece estimates.

.

* Where EBITDA (adj.) or EBITA (adj)= EBITDA (or EBITA) -/+ Non Recurrent Expenses/Income and where EBIT (adj)= EBIT-/+ Non Recurrent Expenses/Income - PPA amortisation **Price (in local currency): Fiscal year end price for Historical Years and Current Price for current and forecasted years

Sector: Financial Services/Financial Services

Company Description: ATHEX Group is the operator of the Greek stock, derivatives and bond markets. It is also the organisation responsible for the clearing and settlement of the ATHEX transactions and administration of the Dematerialized Securities System. Since 2003, ATHEX is a fully privatised group. The company has a very high operating leverage that results in a rather volatile earnings stream.

Notes



European Coverage of the Members of ESN

Aerospace & Defense	Mem(*)	Вср	CBI	Tikkurila	OPG	Ebro Foods	BKF
Airbus Group	CIC	Bnp Paribas	CIC	Electronic & Electrical	Mem(*)	Enervit	BAK
Carbures Europe Sa	BKF	Bper	BAK	Equipment Alstom	CIC	- Fleury Michon	CIC
Dassault Aviation	CIC	Bpi	CBI	Areva	CIC	Forfarmers	SNS
		-					
Finmeccanica	BAK	Caixabank	BKF	Euromicron Ag	EQB	Heineken	SNS
Latecoere	CIC	Commerzbank	EQB	Gemalto	CIC	Hkscan	OPG
Lisi	CIC	Credem	BAK	Ingenico	CIC	Lanson-Bcc	CIC
Mtu	EQB	Credit Agricole Sa	CIC	Kontron	EQB	Laurent Perrier	CIC
Ohb Se	EQB	Creval	BAK	Legrand	CIC	Ldc	CIC
Safran	CIC	Deutsche Bank	EQB	Neways Electronics	SNS	Naturex	CIC
Thales	CIC	Deutsche Pfandbriefbank	EQB	Nexans	CIC	Olvi	OPG
Zodiac Aerospace	CIC	Eurobank	IBG	Pkc Group	OPG	Parmalat	BAK
Airlines	M em(*)	Ing Group	SNS	Rexel	CIC	Pernod Ricard	CIC
Air France Klm	CIC	Intesa Sanpaolo	BAK	Schneider Electric Se	CIC	Raisio	OPG
Finnair	OPG	Mediobanca	BAK	Vaisala	OPG	Refrescogerber	SNS
Lufthansa	EQB	Merkur Bank	EQB	Viscom	EQB	RemyCointreau	CIC
Automobiles & Parts	M em(*)	National Bank Of Greece	IBG	Financial Services	Mem(*)	Unilever	SNS
Bittium Corporation	OPG	Natixis	CIC	Anima	BAK	Vidrala	BKF
Bmw	EQB	Nordea	OPG	A thex Group	IBG	Vilmorin	CIC
Brembo	BAK	Piraeus Bank	IBG	Azimut	BAK	Viscofan	BKF
Continental	EQB	Societe Generale	CIC	Banca Generali	BAK	Vranken Pommery Monopole	CIC
Daimler Ag	EQB	Ubi Banca	BAK	Banca Ifis	BAK	Wessanen	SNS
Elringklinger	EQB	Unicredit	BAK	Banca Sistema	BAK	Food & Drug Retailers	Mem (*)
Faurecia	CIC	Basic Resources	M em (*)	Bb Biotech	EQB	Ahold	SNS
Ferrari	BAK	Acerinox	BKF	Binckbank	SNS	Carrefour	CIC
Fiat Chrysler Automobiles	BAK	Altri	CBI	Bolsas Y Mercados Espanoles Sa	BKF	Casino Guichard-Perrachon	CIC
Landi Renzo	BAK	Arcelormittal	BKF	Capman	OPG	Dia	BKF
Leoni	EQB	Corticeira Amorim	CBI	Christian Dior	CIC	Jeronimo Martins	CBI
Michelin	CIC	Ence	BKF	Cir	BAK	Kesko	OPG
Nokian Tyres	OPG	Europac	BKF	Comdirect	EQB	Marr	BAK
Norma Group	EQB	Metka	IBG	Corp. Financiera Alba	BKF	Metro	CIC
Piaggio	BAK	Metsä Board	OPG	Deutsche Boerse	EQB	Sligro	SNS
Plastic Omnium	CIC	M ytilineo s	IBG	Deutsche Forfait	EQB	Sonae	CBI
Sogefi	BAK	Outokumpu	OPG	Eq	OPG	General Industrials	Mem (*)
Stern Groep	SNS	Portucel	CBI	Euronext	CIC	2G Energy	EQB
Valeo	CIC	Semapa	CBI	Ferratum	EQB	Aalberts	SNS
Volkswagen	EQB	Ssab	OPG	Finecobank	BAK	Accell Group	SNS
Banks	Mem(*)	Stora Enso	OPG	Grenkeleasing Ag	EQB	Ahlstrom	OPG
Aareal Bank	EQB	Surteco	EQB	Mlp	EQB	Arcadis	SNS
Abn Amro Group Nv	SNS	Tubacex	BKF	Ovb Holding Ag	EQB	Aspo	OPG
Aktia	OPG		OPG	Patrizia Ag	EQB	Huhtamäki	OPG
		Upm-Kymmene		-			
Alpha Bank Banca Carige	IBG	Biotechnology 4Sc	M em (*)	Rallye	CIC BAK	Kendrion	SNS SNS
	BAK		EQB	Unipol Gruppo Finanziario		Nedap	
Banca Mps	BAK	Cytotools Ag	EQB	Food & Beverage	Mem(*)		OPG
Banco Popolare	BAK	Epigenomics Ag	EQB	Acomo	SNS	Prelios	BAK
Banco Popular	BKF	Wilex	EQB	Atria	OPG	Saf-Holland	EQB
Banco Sabadell	BKF	Chemicals	M em (*)	Bonduelle	CIC	Saft	CIC
Banco Santander	BKF	Air Liquide	CIC	Campari	BAK	Serge Ferrari Group	CIC
Bankia	BKF	Holland Colours	SNS	Coca Cola Hbc Ag	IBG	Siegfried Holding Ag	EQB
Bankinter	BKF	Kemira	OPG	Corbion	SNS	Wendel	CIC



General Retailers	Mem(*)	Seb Sa	CIC	Delta Lloyd	SNS	Vicat	CIC
Banzai	BAK	Zumtobel Group Ag	EQB	Generali	BAK	Vinci	CIC
Beter Bed Holding	SNS	Industrial Engineering	Mem(*)	Hannover Re	EQB	Yit	Opg
Elumeo Se	EQB	Accsys Technologies	SNS	Mapfre Sa	BKF	Media	Mem(*)
Fielmann	EQB	Aixtron	EQB	Munich Re	EQB	Ad Pepper	EQB
Folli Follie Group	IBG	Ansaldo Sts	BAK	Nn Group Nv	SNS	Alma Media	Opg
Fourlis Holdings	IBG	Biesse	BAK	Sampo	Opg	Atresmedia	BKF
Groupe Fnac Sa	CIC	Cargotec Corp	Opg	Talanx Group	EQB	Axel Springer	EQB
Inditex	BKF	Cnh Industrial	BAK	Unipolsai Materials, Construction &	BAK	Brill	SNS
Jumbo	IBG	Danieli	BAK	Infrastructure	M em(*)	Cofina -	CBI
Macintosh	SNS	Datalogic	BAK	Abertis	BKF	Cts Eventim	EQB
Rapala	Opg	Deutz Ag	EQB	Acs	BKF	Editoriale L'Espresso	BAK
Stockmann	Opg	Dmg Mori Seiki Ag	EQB	Aena	BKF	Gameloft	CIC
Healthcare	Mem(*)	Duro Felguera	BKF	Aeroports De Paris	CIC	GI Events	CIC
Amplifon	BAK	Emak	BAK	Astaldi	BAK	Havas	CIC
Bayer	EQB	Exel Composites	Opg	Atlantia	BAK	Impresa	CBI
Biotest	EQB	Gesco	EQB	Bilfinger Se	EQB	lpsos	CIC
Diasorin	BAK	Ima	BAK	Boskalis Westminster	SNS	Jcdecaux	CIC
Fresenius	EQB	Interpump	BAK	Buzzi Unicem	BAK	Lagardere	CIC
Fresenius Medical Care	EQB	Kone	Opg	Caverion	Opg	M 6-M etropole Television	CIC
Gerresheimer Ag	EQB	Konecranes	Opg	Cramo	Opg	Mediaset	BAK
Korian	CIC	Kuka	EQB	Eiffage	CIC	Mediaset Espana	BKF
Merck	EQB	M anz A g	EQB	Ellaktor	IBG	Notorious Pictures	BAK
Oriola-Kd	Opg	Max Automation Ag	EQB	Eltel	Opg	Nrj Group	CIC
Orion	Opg	Metso	Opg	Ezentis	BKF	Publicis	CIC
Orpea	CIC	Outotec	Opg	Fcc	BKF	Rcs Mediagroup	BAK
Pihlajalinna	Opg	Pfeiffer Vacuum	EQB	Ferrovial	BKF	Relx	SNS
Recordati	BAK	Ponsse	Opg	Fraport	EQB	Rtl Group	EQB
Rhoen-Klinikum	EQB	Prima Industrie	BAK	Heidelberg Cement Ag	CIC	Sanoma	Opg
Hotels, Travel & Tourism	Mem(*)	Prysmian	BAK	Heijmans	SNS	Solo cal Group	CIC
Accor	CIC	Reesink	SNS	Hochtief	EQB	Spir Communication	CIC
Autogrill	BAK	Sabaf	BAK	Imerys	CIC	Syzygy A g	EQB
Beneteau	CIC	Smt Scharf Ag	EQB	Italcementi	BAK	Talentum	Opg
		-					
Elior	CIC	Technotrans	EQB	Lafargeholcim	CIC	Telegraaf Media Groep	SNS
Europcar	CIC	Valmet	Opg	Lemminkäinen	Opg	Teleperformance	CIC
I Grandi Viaggi	BAK	Wärtsilä	Opg	Maire Tecnimont	BAK	Tf1	CIC
Ibersol	CBI	Zardo ya Otis	BKF	Mota Engil	CBI	Ubisoft	CIC
Intralot	IBG	Industrial Transportation	M em(*)	Obrascon Huarte Lain	BKF	Vivendi	CIC
Kotipizza	Opg	Bollore	CIC	Ramirent	Opg	Wolters Kluwer	SNS
Melia Hotels International	BKF	Caf	BKF	Royal Bam Group	SNS	Oil & Gas Producers	Mem(*)
Nh Hotel Group	BKF	Ctt	CBI	Sacyr	BKF	Eni	BAK
Орар	IBG	Deutsche Post	EQB	Saint Gobain	CIC	Galp Energia	CBI
Sno wwo rld	SNS	Hhla	EQB	Salini Impregilo	BAK	Gas Plus	BAK
Sonae Capital	CBI	Logwin	EQB	Sias	BAK	Hellenic Petroleum	IBG
Trigano	CIC	Insurance	M em(*)	Sonae Industria	CBI	Maurel Et Prom	CIC
				-	-		
Household Goods	M em(*)	Aegon	SNS	Srv	Opg	MotorOil	IBG
	Mem (*) CIC	Aegon Allianz	SNS EQB	Srv Thermador Groupe	CIC	Motor Oil Neste Corporation	IB G Opg
Bic							
Household Goods Bic De Longhi Fila	CIC	Allianz	EQB	Thermador Groupe	CIC	Neste Corporation	Opg



Media	M em(*)	Oil Services	M em(*)	Akka Technologies	CIC	Besi	SNS
Ad Pepper	EQB	B o urbo n	CIC	Alten	CIC	Elmos Semiconductor	EQB
A Ima M edia	Opg	Cgg	CIC	Altran	CIC	Ericsson	Opg
Atresmedia	BKF	Fugro	SNS	Amadeus	BKF	Gigaset	EQB
Axel Springer	EQB	Saipem	BAK	Assystem	CIC	Nokia	Opg
Brill	SNS	Sbm Offshore	SNS	Atos	CIC	Okmetic	Opg
Cofina	CBI	Technip	CIC	Basware	Opg	Roodmicrotec	SNS
Cts Eventim	EQB	Tecnicas Reunidas	BKF	Cenit	EQB	SIm Solutions	EQB
Editoriale L'Espresso	BAK	Tenaris	BAK	Comptel	Opg	Stmicroelectronics	BAK
Gameloft	CIC	Vallourec	CIC	Ctac	SNS	Suess Microtec	EQB
GI Events	CIC	Vopak	SNS	Digia	Opg	Teleste	Opg
Havas	CIC	Personal Goods	Mem(*)	Docdata	SNS	Telecommunications	lem(*
Impresa	CBI	Adidas	EQB	- Econocom	CIC	Acotel	BAK
lpsos	CIC	Adler Modemaerkte	EQB	Ekinops	CIC	Deutsche Telekom	EQB
Jcdecaux	CIC	Amer Sports	Opg	Engineering	BAK	Drillisch	EQB
Lagardere	CIC	Basic Net	BAK	Esi Group	CIC	Elisa	Opg
M 6-M etropole Television	CIC	Cie Fin. Richemont	CIC	Exprivia	BAK	Freenet	EQB
Mediaset	BAK	Geox	BAK	F-Secure	Opg	Kpn Telecom	SNS
Mediaset Espana	BKF	Gerry Weber	EQB	Gft Technologies	EQB	Nos	CBI
Notorious Pictures	BAK	Hermes Intl.	CIC	lct Automatisering	SNS	Oi	CBI
Nrj Group	CIC	Hugo Boss	EQB	Indra Sistemas	BKF	Ote	IBG
Publicis	CIC	Interparfums	CIC	Nemetschek Ag	EQB	Telecom Italia	BAK
Rcs Mediagroup	BAK	Kering	CIC	Nexus Ag	EQB	Telefonica	BKF
Relx	SNS	Luxottica	BAK	Novabase	CBI	Telia	Opg
Rtl Group	EQB	Lymh	CIC	Ordina	SNS	Tiscali	BAK
Sanoma	Opg	Marimekko	Opg	Psi	EQB	United Internet	EQB
Solocal Group	CIC	Moncler	BAK	Reply	BAK	Vodafone	BAK
Spir Communication	CIC	Puma	EQB	Rib Software	EQB	Utilities	lem(*
Syzygy Ag	EQB	Safilo	BAK	Seven Principles Ag	EQB	A2A	BAK
Talentum	Opg		BAK	Software Ag	EQB	Acciona	BKF
Telegraaf Media Groep	SNS	Salvatore Ferragamo Sarantis	IBG	Sopra Steria Group	CIC	Acea	BAK
Teleperformance	CIC		CIC	Tie Kinetix	SNS	Albioma	CIC
-	CIC	Swatch Group Tod'S		Tieto			CIC
Tf1 Ubisoft	CIC		BAK		Opg SNS	Direct Energie	СВІ
		Real Estate	Mem(*)	Tomtom		Edp	
Vivendi Wolters Kluwer	CIC	Beni Stabili	BAK	Visiativ	CIC	Edp Renováveis	CBI BKF
		Citycon	Opg	Wincor Nixdorf		Enagas	
Oil & Gas Producers	Mem(*)	Deutsche Euroshop	EQB	Support Services	Mem(*)	Endesa	BKF
Eni	BAK	Grand City Properties	EQB	Asiakastieto Group	Opg	Enel	BAK
Galp Energia	CBI	Hispania Activos Inmobiliarios	BKF	Batenburg	SNS	Falck Renewables	BAK
Gas Plus	BAK	lgd	BAK	Bureau Veritas S.A.	CIC	Fortum	Opg
Hellenic Petroleum	IBG	Realia	BKF	Cellnex Telecom	BKF	Gas Natural Fenosa	BKF
Maurel Et Prom	CIC	Sponda	Opg	Dpa	SNS	Hera	BAK
MotorOil	IBG	Technopolis	Opg	Edenred	CIC	Iberdrola	BKF
Neste Corporation	Opg	Vib Vermoegen	EQB	Ei Towers	BAK	Iren	BAK
Petrobras	CBI	Wcm Ag	EQB	Fiera Milano	BAK	Public Power Corp	IBG
Qgep	CBI	Renewable Energy	M em(*)	-	Opg	Red Electrica De Espana	BKF
Repsol	BKF	Daldrup & Soehne	EQB	Openjobmetis	BAK	Ren	CBI
Total	CIC	Gamesa	BKF	Technology Hardware & Equipment	Mem(*)	Snam	BAK
		Software & Computer Services	Mem(*)	Asm International	SNS	Terna	BAK
		Affecto	Opg	- Asml	SNS		

LEGEND: BAK: Banca Akros; BKF: Beka Finance; CIC: CM CIC Market Solutions; CBI: Caixa-Banca de Investimento; EQB: Equinet bank; IBG: Investment Bank of Greece, OPG: OP Corporate Bank;; SNS: SNS Securities as of 2nd may 2016



List of ESN Analysts (**)

Ari Agopyan	CIC	+33 1 53 48 80 63	ari.agopy an@cmcic.fr	Jean-Christophe Lefèv re-Moulenq	CIC	+33 1 53 48 80 65	jeanchristophe.lefevremoulenq@cmcic.fr
Artur Amaro	CBI	+351 213 89 6822	artur.amaro@caixabi.pt	Konstantinos Manolopoulos	IBG	+30 210 817 3388	kmanolopoulos@ibg.gr
Helena Barbosa	CBI	+351 21 389 6831	helena.barbosa@caixabi.pt	Dario Michi	BAK	+39 02 4344 4237	dario.michi@bancaakros.it
Javier Bernat	BKF	+34 91 436 7816	javierbernat@bekafinance.com	Marietta Miemietz CFA	EQB	+49-69-58997-439	marietta.miemietz@equinet-ag.de
Dimitris Birbos	IBG	+30 210 81 73 392	dbirbos@ibg.gr	José Mota Freitas, CFA	CBI	+351 22 607 09 31	mota.freitas@caixabi.pt
Agnès Blazy	CIC	+33 1 53 48 80 67	agnes.blazy@cmcic.fr	Henri Parkkinen	OPG	+358 10 252 4409	henri.parkkinen@op.fi
Charles Edouard Boissy	CIC	+33 01 53 48 80 81	charlesedouard.boissy@cmcic.fr	Victor Peiro Pérez	BKF	+34 91 436 7812	vpeiro@bekafinance.com
Rafael Bonardell	BKF	+34 91 436 78 171	rbonardellt@bekafinance.com	Francis Prêtre	CIC	+33 4 78 92 02 30	francis.pretre@cmcic.fr
Louise Boyer	CIC	+33 1 53 48 80 68	louise.boyer@cmcic.fr	Francesco Previtera	BAK	+39 02 4344 4033	francesco.previtera@bancaakros.it
Giada Cabrino, CIIA	BAK	+39 02 4344 4092	giada.cabrino@bancaakros.it	Jari Raisanen	OPG	+358 10 252 4504	jari.raisanen@op.fi
Arnaud Cadart	CIC	+33 1 53 48 80 86	arnaud.cadart@cmcic.fr	Hannu Rauhala	OPG	+358 10 252 4392	hannu.rauhala@op.fi
Niclas Catani	OPG	+358 10 252 8780	niclas.catani@op.fi	Matias Rautionmaa	OPG	+358 10 252 4408	matias.rautionmaa@op.fi
Pierre Chedeville	CIC	+33 1 53 48 80 97	pierre.chedeville@cmcic.fr	Eric Ravary	CIC	+33 1 53 48 80 71	eric.ravary@cmcic.fr
Emmanuel Chevalier	CIC	+33 1 53 48 80 72	emmanuel.chevalier@cmcic.fr	Iñigo Recio Pascual	BKF	+34 91 436 7814	irecio@bekafinance.com
David Consalvo	CIC	+33 1 53 48 80 64	david.consalvo@cmcic.fr	Gerard Rijk	SNS	+ 31 (0)20 550 8572	Gerard.Rijk@snssecurities.nl
Edwin de Jong	SNS	+312 0 5508569	edwin.dejong@snssecurities.nl	André Rodrigues	CBI	+351 21 389 68 39	andre.rodrigues@caix abi.pt
Martijn den Drijver	SNS	+312 0 5508636	martijn.dendrijver@snssecurities.nl	Jean-Luc Romain	CIC	+33 1 53 48 80 66	jeanluc.romain@cmcic.fr
Christian Devismes	CIC	+33 1 53 48 80 85	christian.devismes@cmcic.fr	Jochen Rothenbacher, CEFA	EQB	+49 69 58997 415	jochen.rothenbacher@equinet-ag.de
Andrea Devita, CFA	BAK	+39 02 4344 4031	andrea.devita@bancaakros.it	Vassilis Roumantzis	IBG	+30 2108173394	vroumantzis@ibg.gr
Sebastian Droste	EQB	+49 69 58 99 74 34	sebastian.droste@equinet-ag.de	Sonia Ruiz De Garibay	BKF	+34 91 436 7841	sgaribay@bekafinance.com
Enrico Esposti, CIIA	BAK	+39 02 4344 4022	enrico.esposti@bancaakros.it	Antti Saari	OPG	+358 10 252 4359	antti.saari@op.fi
Rafael Fernández de Heredia	BKF	+34 91 436 78 08	rfernandez@bekafinance.com	Paola Saglietti	BAK	+39 02 4344 4287	paola.saglietti@bancaakros.it
Gabriele Gambarov a	BAK	+39 02 43 444 289	gabriele.gambarova@bancaakros.it	Francesco Sala	BAK	+39 02 4344 4240	francesco.sala@bancaakros.it
Eduardo Garcia Arguelles	BKF	+34 914 367 810	egarcia@bekafinance.com	Holger Schmidt, CEFA	EQB	+49 69 58 99 74 32	holger.schmidt@equinet-ag.de
Alex andre Gérard	CIC	+33 1 53 48 80 93	alex andre.gerard@cmcic.fr	Cengiz Sen	EQB	+4969 58997 435	cengiz.sen@equinet-ag.de
Claudio Giacomiello, CFA	BAK	+39 02 4344 4269	claudio.giacomiello@bancaakros.it	Pekka Spolander	OPG	+358 10 252 4351	pekka.spolander@op.fi
Philipp Häßler, CFA	EQB	+49 69 58997 414	philipp.haessler@equinet-ag.de	Kimmo Stenvall	OPG	+358 10 252 4561	kimmo.stenvall@op.fi
Simon Heilmann	EQB	+49 69 58 997 413	simon.heilmann@equinet-ag.de	Natalia Svyrou-Svyriadi	IBG	+30 210 81 73 384	nsviriadi@ibg.gr
Marcell Houben	SNS	+31 20 550 8649	Marcell.houben@snssecurities.nl	Luigi Tramontana	BAK	+39 02 4344 4239	luigi.tramontana@bancaakros.it
Carlos Jesus	CBI	+351 21 389 6812	carlos.jesus@caixabi.pt	Johan van den Hooven	SNS	+312 0 5508518	johan.vandenhooven@snssecurities.nl
Mark Josefson	EQB	+4969-58997-437	mark.josefson@equinet-ag.de	Kévin Woringer	CIC	+33 1 53 48 80 69	kev in.woringer@cmcic.fr
Victoria Kruchevska (CFA, FRM)	EQB	+49 69 5 89 97 416	victoria.kruchevska@equinet-ag.de				

(**) excluding: strategists, macroeconomists, heads of research not covering specific stocks, credit analysts, technical analysts



ESN Recommendation System

The ESN Recommendation System is **Absolute**. It means that each stock is rated on the basis of a **total return**, measured by the upside potential (including dividends and capital reimbursement) over a **12 month time horizon**.

SELL	REDUCE	NEUTRAL		ACCUMULATE	BUY
	-15%	-5%	5%	15%	

The ESN spectrum of recommendations (or ratings) for each stock comprises 5 categories: Buy (B), Accumulate (A), Neutral (N), Reduce (R) and Sell (S).

Furthermore, in specific cases and for a limited period of time, the analysts are allowed to rate the stocks as **Rating Suspended (RS)** or **Not Rated (NR)**, as explained below.

Meaning of each recommendation or rating:

- Buy: the stock is expected to generate total return of over 15% during the next 12 months time horizon
- Accumulate: the stock is expected to generate total return of 5% to 15% during the next 12 months time horizon
- Neutral: the stock is expected to generate total return of -5% to +5% during the next 12 months time horizon
- Reduce: the stock is expected to generate total return of -5% to -15% during the next 12 months time horizon
- Sell: the stock is expected to generate total return under -15% during the next 12 months time horizon
- Rating Suspended: the rating is suspended due to a change of analyst covering the stock or a capital operation (take-over bid, SPO, ...) where the issuer of the document (a partner of ESN) or a related party of the issuer is or could be involved
- Not Rated: there is no rating for a company being floated (IPO) by the issuer of the document (a partner of ESN) or a related party of the issuer

Certain flexibility on the limits of total return bands is permitted especially during higher phases of volatility on the markets

Disclosure Appendix

The information and opinions in this report were prepared by Investment Bank of Greece, which is regulated by the Bank of Greece (License No: 52/2/17.12.99) and by the Hellenic Capital Market Commission. Investment Bank of Greece has not entered any agreement with the subject companies for the execution of this analysis.

This report is for informative purposes only. Under no circumstances is it to be used or considered as an offer to sell, or a solicitation of any offer to buy, any security. While the information contained herein has been obtained from sources believed to be reliable, we do not represent that it is accurate or complete and it should not be relied upon as such. In producing its research reports, members of Investment Bank of Greece research department may have received assistance from the subject company(ies) referred to in this report. Any such assistance may have included access to sites of the issuers, visits to certain operations of the subject company(ies), meetings with management, employees or other parties associated with the subject company(ies) and the handing by them of historical data regarding the subject company(ies) (financial statements and other financial data), as well as of all publicly available information regarding strategy and financial targets. Investment Bank of Greece research personnel are prohibited from accepting payment or reimbursement of travel expenses from site visits to subject companies. It should be presumed that the author(s) of this report, in most cases, has had discussions with the subject company(ies) to ensure factual accuracy prior to publication. All opinions, projections and estimates constitute the judgment of the author as of the date of the report and are given in good faith, but are subject to change without notice. Prices and availability of financial instruments also are subject to change without notice. Investment Bank of Greece or one of its affiliates or persons connected with it may from time to time buy and sell securities referred herein. Although Investment Bank of Greece does not set a predetermined frequency for publication, if this is a fundamental research report, it is the intention of Investment Bank of Greece to provide research coverage of the subject company(ies), including in response to news affecting this issuer, subject to applicable quiet periods and capacity constraints. Investment Bank of Greece may from time to time perform investment banking or other services for, or solicit investment banking or other business from, any company mentioned in this report. Investment Bank of Greece does and seeks to do business with companies covered in their research reports. Thus, investors should be aware that the firms may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision. Securities referred to in this research report are subject to investment risks, including the possible loss of the principal amount invested. This report is intended for professional investors only and it is not to be reproduced or copied or reprinted or transmitted for



any purpose without permission. We certify that this report has been published in accordance with our conflict management policy and guidelines. According to Investment Bank of Greece policies, the Analysis Department of Investment Bank of Greece is bound by confidentiality, with the exception of data allowed to be published in accordance with the applicable laws. Investment Bank of Greece relies on information barriers to control the flow of information in one or more areas within Investment Bank of Greece organization. The communication between the Analysis Department of Investment Bank of Greece and the other departments of the aforementioned company is restricted by Chinese Walls set between the different departments, so that Investment Bank of Greece can abide by the provisions regarding confidential information and market abuse.

Analyst Certification

The following analysts: Dimitris Birbos hereby certify that the views about the companies and securities contained in this report accurately reflect their personal views and that no part of their compensation was or will be directly or indirectly related to the specific recommendations or views in this report.

The analysts mentioned above who prepared this report have the below mentioned financial interests in the companies covered in this report.....none.....

Important Regulatory Disclosures on Subject Company

The information and opinions in this report were prepared by INVESTMENT BANK of GREECE, which is member of the Athens Exchange S.A. and regulated by the Bank of Greece (License No: 52/2/17.12.99) and by the Hellenic Capital Market Commission.

The compensation of the research analysts, strategists, or research associates principally responsible for the preparation of this research report may depend on various factors such as quality of work, stock picking, client feedback and overall firm profitability.

Stock Ratings

You should carefully read the definitions of all ratings used in the research report. Moreover, you should carefully read the entire research report to obtain a clear view of the analyst's opinions and not infer its contents from the rating alone.

IBG Research Rating Distribution Data current as of 07/07/2016

	Buy	Accumulate	Neutral	Reduce	Sell	Rating Suspended
IBG Research Total Coverage	65%	4%	17%	4%	0%	9%
% of companies in each rating category that are investment banking clients	0%	0%	0%	0%	0%	0%
Financial Services	100%	0%	0%	0%	0%	0%
% of companies in each rating category that are investment banking clients	0%	0%	0%	0%	0%	0%

Regulatory Disclosures on Subject Companies

1.As of the date mentioned on the first page of this report, Investment Bank of Greece (or any of its affiliated companies) owns 5% or more of a class of common equity securities in the following companies mentioned in this report: <u>None</u>

2. Investment Bank of Greece acts as a market maker for the following securities of the subject companies mentioned in this report: <u>Alpha Bank</u>, <u>EFG Eurobank</u>, <u>Ellaktor</u>, <u>GEK TERNA</u>, <u>ATHEX Group</u>, <u>Intralot</u>, <u>Mytilineos</u>, <u>National Bank of Greece</u>, <u>OPAP</u>, <u>OTE</u>, <u>Piraeus Bank</u>, <u>PPC</u>

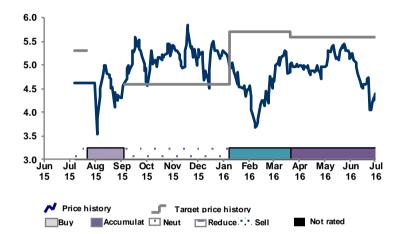
3. Within the last 12 months, Investment Bank of Greece has provided advisory services to the following companies mention in this report: <u>None</u> 4. Within the last 12 months, Investment Bank of Greece had a contractual relationship or have received compensation for financial advisory services from the following subject companies mentioned in this report: <u>None</u>

5. Investment Bank of Greece has acted as an Advisors to Alpha Bank within the framework of its 2015 share Capital Increase



Recommendation history for ATHEX GROUP

Date	Recommendation	Target price	Price at change date
08-Jul-16	Buy	5.10	4.14
22-Mar-16	Buy	5.60	5.02
08-Jan-16	Accumulate	5.70	4.96
04-Sep-15	Neutral	4.60	4.63
22-Jul-15	Rating Suspended		4.64
19-Mar-15	Neutral	5.30	4.65
20-Jan-15	Accumulate	5.40	4.82
30-Oct-14	Buy	7.60	5.31
06-Jun-14	Buy	10.70	9.07
23-May-14	Buy	10.30	8.30



Source: Factset & ESN, price data adjusted for stock splits. This chart shows Investment Bank of Greece continuing coverage of this stock; the current analyst may or may not have covered it over the entire period.

Risks to our forecasts and valuation

- Group's earnings performance is very sensitive to variations in the trading activity in the cash market. A higher than expected traded value in ATHEX poses an upside risk to our estimates and vice versa.
- New listings and share capital increases will positively impact ATHEX's profitability.
- The sequential improvement of economic conditions in Greece as well as political stability are expected to raise investors' appetite for Greek
 equities in the medium-term, thus creating an upside risk to our forecasts.
- ATHEX Group has a more expensive fee structure compared to major European bourses. The potential reduction in ATHEX's fees will pose a
 downside risk to our estimates.
- The new regulatory framework of MiFid may lead to increased competition and possible decrease in total revenues.

Additional disclosures

1.Additional note to our U.S. readers: This document may be distributed in the United States solely to "major US institutional investors" as defined in Rule 15a-6 under the US Securities Exchange Act of 1934. Each person that receives a copy, by acceptance thereof, represents and agrees that he/she will not distribute or otherwise make available this document to any other person.

2.All prices and valuation multiples are based on the closing of ATHEX's last session prior to the issue of this report, unless otherwise indicated

3. Our research reports are available upon request at www.ibg.gr, on Bloomberg's IBGR and ESNR functions and on Thomson Reuters website.

4. Additional information is available upon request.

Disclaimer:

These reports have been prepared and issued by the Members of European Securities Network LLP ('ESN'). ESN, its Members and their affiliates (and any director, officer or employee thereof), are neither liable for the proper and complete transmission of these reports nor for any delay in their receipt. Any unauthorised use, disclosure, copying, distribution, or taking of any action in reliance on these reports is strictly prohibited. The views and expressions in the reports are expressions of opinion and are given in good faith, but are subject to change without notice. These reports may not be reproduced in whole or in part or passed to third parties without permission. The information herein was obtained from various sources. ESN, its Members and their affiliates (and any director, officer or employee thereof) do not guarantee their accuracy or completeness, and neither ESN, nor its Members, nor its Members' affiliates (nor any director, officer or employee thereof) shall be liable in respect of any errors or omissions. Neither the information contained in these reports nor any opinion expressed constitutes an offer, or an invitation to make an offer, to buy or sell any securities or any options, futures or other derivatives related to such securities, financial situation and the particular needs of any specific person who may receive any of these reports. Investors should seek financial advice regarding the appropriateness of investing in any securities or investment strategies discussed or recommended in these reports and should understand that statements regarding future prospects may not be reassently a guide to future performance. Foreign currency rates of exchange may adversely affect the value, price or income of any securities such as ADRs, whose value are influenced by the currency of the underlyting security. effectively assume currency risk.

currency of the underlying security, effectively assume currency risk. ESN, its Members and their affiliates may submit a pre-publication draft (without mentioning neither the recommendation nor the target price/fair value) of its reports for review to the Investor Relations Department of the issuer forming the subject of the report, solely for the purpose of correcting any inadvertent material inaccuracies. Like all members employees, analysts receive compensation that is impacted by overall firm profitability For further details about the specific risks of the company and about the valuation methods used to determine the price targets included in this report/note, please refer to the latest relevant published research on single stock or contact the analyst named on the front of the report/note. Research is available through your sales representative. ESN will provide periodic updates on companies or sectors based on company-specific developments or announcements, market conditions or any other publicly available information. Unless agreed in writing with an ESN Member, this research is intended solely for internal use by the recipient. Neither this document nor any copy of it may be taken or transmitted into Australia, Canada or Japan or to distributed, directly or indirectly, in Australia, Canada or Japan or to any resident thereof. This document is for distribution in the U.K. Only to persons who have professional experience in matters relating to investments and fall within article 19(5) of the financial services and markets act 2000 (financial promotion) order 2005 (the "order") or (ii) are persons falling within article 49(2)(a) to (d) of the order, namely high net worth companies, unincorporated associations etc (all such persons together being referred to as "relevant persons"). This document must not be acted on or relied upon by persons who are not relevant persons. Any investment or investment activity to which this document relevant persons. The distribution of this document in other jurisdictions

The distribution of this document in other jurisdictions or to residents of other jurisdictions may also be restricted by law, and persons into whose possession this document comes should inform themselves about, and observe, any such restrictions. By accepting this report you agree to be bound by the foregoing instructions. You shall indemnify ESN, its Members and their affiliates (and any director, officer or employee thereof) against any damages, claims, losses, and detriments resulting from or in connection with the unauthorized use of this document.

For disclosure upon "conflicts of interest" on the companies under coverage by all the ESN Members and on each "company recommendation history", please visit the ESN website (<u>www.esnpartnership.eu</u>) For additional information and individual disclaimer please refer to <u>www.esnpartnership.eu</u> and to each ESN Member websites:

www.bancaakros.it regulated by the CONSOB - Commissione Nazionale per le Società e la Borsa www.bekafinance.com regulated by CNMV - Comisión Nacional del Mercado de Valores

www.caixabi.pt regulated by the CMVM - Comissão do Mercado de Valores Mobiliários

www.cmcicms.com regulated by the AMF - Autorité des marchés financiers

www.equinet-ag.de regulated by the BaFin - Bundesanstalt für Finanzdienstleistungsaufsicht www.ibg.gr regulated by the HCMC - Hellenic Capital Market Commission

www.op.fi regulated by the Financial Supervision Authority

www.nibcmarkets.com regulated by the AFM - Autoriteit Financiële Markten

Members of ESN (European Securities Network LLP)



bekafinance BEKA Finance

C/ Marques de Villamagna 3 28001 Madrid Spain Phone: +34 91 436 7813



Caixa-Banco de Investimento Rua Barata Salgueiro, nº 33 1269-057 Lisboa Portugal Phone: +351 21 313 73 00 Fax: +351 21 389 68 98

CM CIC Market Solutions 6, avenue de Provence 75441 Paris Cedex 09 France Phone: +33 1 53 48 80 78 Fax: +33 1 53 48 82 25

equinet Bank

equinet Bank AG Gräfstraße 97 60487 Frankfurt am Main Germany Phone:+49 69 – 58997 – 212 Fax:+49 69 – 58997 – 299

INVESTMENT BANK OF GREECE

Investment Bank of Greece 32 Aigialeias Str & Paradissou, 151 25 Maroussi, Greece Tel: +30 210 81 73 383



OP Corporate Bank plc P.O.Box 308 Teollisuuskatu 1, 00013 Helsinki Finland Phone: +358 10 252 011 Fax: +358 10 252 2703

NIBC Markets N.V. Nieuwezijds Voorburgwal 162 P.O.Box 235 1000 AE Amsterdam The Netherlands Phone: +31 20 550 6500 Fax: +31 20 626 8064

