

Last Close 4.97 (EUR)	Avg Daily Vol 997,232	52-Week High 5.50	Trailing PE 29.2	Annual Div 0.09	ROE 5.4%	LTG Forecast --	1-Mo Return 1.8%
2017 July 24 AMSTERDAM Exchange	Market Cap 1.4B	52-Week Low 3.33	Forward PE 12.4	Dividend Yield 1.8%	Annual Rev 7.0B	Inst Own 22.3%	3-Mo Return -0.5%

AVERAGE SCORE

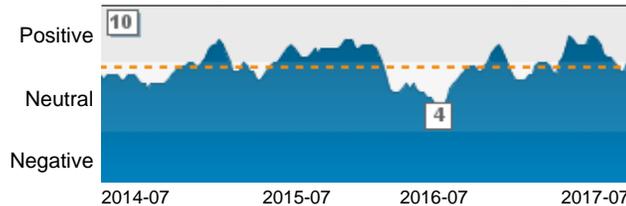
AVERAGE
SCORE
8

POSITIVE OUTLOOK: BAMNB's current score of 8 places it among the top quartile of stocks scored.

Score Averages

Construction & Engineering Group:	7.4	Mid/Small Market Cap:	5.4
Indust. & Commercial Svcs. Sector:	5.9	AEX Index:	5.5

Average Score Trend (4-Week Moving Avg)



Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
ORANW	9	9	10	10	9	
BAMNB	7	8	6	8	8	
KVW	NR	NR	NR	NR	7	
ARCAD	5	5	8	6	6	
BOKA	8	4	4	5	6	

HIGHLIGHTS

- The score for Koninklijke BAM Groep has been on a positive trend from 6 to 8 over the past 5 weeks.
- The recent change in the Average Score was primarily due to an improvement in the Price Momentum and Earnings component scores.

THOMSON REUTERS I/B/E/S MEAN

Strong Buy

8 Analysts

Mean recommendation from all analysts covering the company on a standardized 5-point scale.



PRICE AND VOLUME CHARTS

1-Year Return: 45.3%

5-Year Return: 165.3%



BUSINESS SUMMARY

Koninklijke BAM Groep NV is a construction company based in the Netherlands. It focuses on the construction sector, and provides civil engineering, mechanical and electrical services. The Company operates through four segments: The Construction and Mechanical and Electrical Services segment focuses on non-residential and residential construction work; the Civil Engineering segment carries out tailored civil engineering products globally, the Property segment develops properties, such as single family homes, and through the PPP segment, the Company operates in the roads, rail, education, health care, judicial and general accommodation sectors. The Company operates in the Netherlands, the United Kingdom, Germany, Belgium and Ireland, among others. It operates through numerous subsidiaries, including BAM Bouw en Vastgoed, BAM Construct UK, BAM Deutschland, BAM Belgium, BAM Contractors, BAM Infra, BAM Nuttall, Wayss & Freytag Ingenieurbau and BAM International.

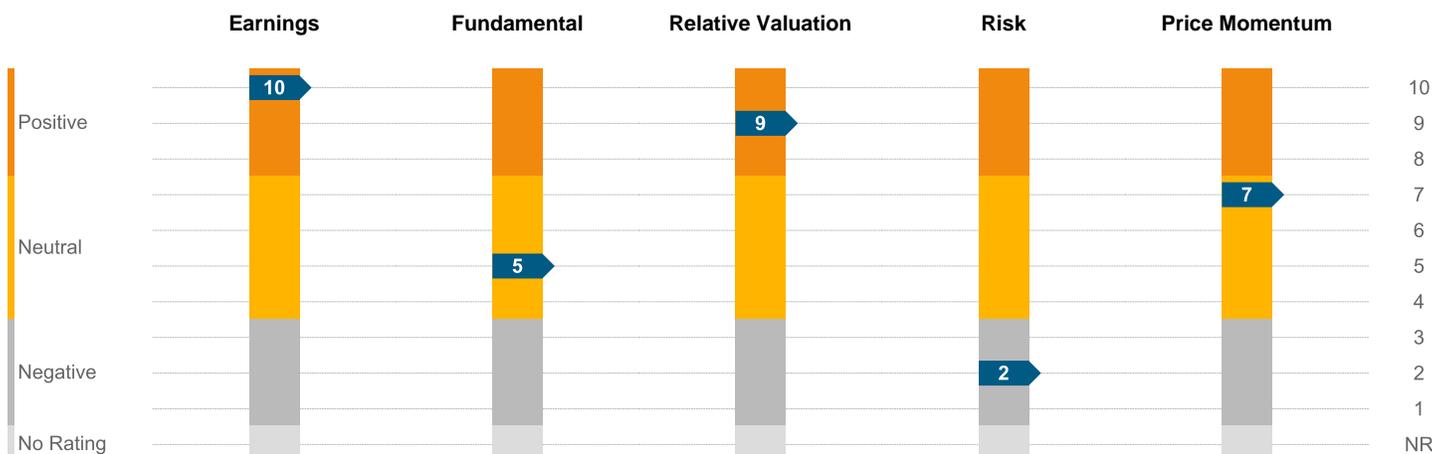


INDICATOR COMPONENTS

AVERAGE
SCORE

8

The **AVERAGE SCORE** combines the quantitative analysis of five widely-used investment decision making tools: Earnings, Fundamental, Relative Valuation, Risk, and Price Momentum. A simple average of the underlying component ratings is normally distributed to rank stocks on a 1-10 scale (10 being awarded to the most favorable). These factors may be evaluated differently using alternative methodologies and the importance of individual factors varies across industries, market capitalization and investment styles. Additional criteria should always be used to evaluate a stock.



PEER ANALYSIS

Currency in EUR

Average Score	Ticker	PRICE MOMENTUM			VALUATION			FUNDAMENTAL		ANALYSTS		# of Analysts
		Price (2017-07-24)	1-Mo Return	3-Mo Return	1-Yr Return	Market Cap	Trailing PE	Forward PE	Dividend Yield	Net Margin	LTG Forecast	
6	WKL	36.80	-5.9%	-5.2%	-2.9%	11.2B	22.2	16.2	2.2%	11.4%	7.7% Hold	20
7	RAND	49.17	-3.9%	-12.5%	27.7%	9.3B	15.4	12.0	3.8%	2.7%	1.4% Buy	19
6	BOKA	29.73	0.9%	-9.0%	-4.0%	3.8B	--	24.4	3.4%	-21.7%	-- Hold	7
7	KVW	24.85	4.2%	--	--	2.0B	14.3	15.6	--	2.5%	11.7% Buy	8
6	INTER	17.97	0.6%	-2.6%	-6.6%	1.6B	29.2	11.8	2.7%	13.5%	-- Buy	7
8	BAMNB	4.97	1.8%	-0.5%	45.3%	1.4B	29.2	12.4	1.8%	0.7%	-- Strong Buy	8
6	ARCAD	15.36	-9.2%	-2.2%	11.8%	1.3B	20.2	13.2	2.8%	2.6%	15.0% Buy	7
2	BRNL	12.65	3.3%	-17.7%	-30.6%	648M	63.3	35.1	3.2%	1.1%	-- Hold	6
9	ORANW	5.50	-6.1%	6.6%	8.1%	163M	28.6	--	--	0.5%	-- --	--
6	HEIJM	7.07	-1.5%	3.5%	-10.7%	149M	--	19.8	--	-8.1%	-- Hold	6
10	BATEN	28.01	3.4%	1.9%	40.1%	67M	17.2	--	3.2%	2.8%	-- Buy	1
6.6	Average	21.10	-1.1%	-3.8%	7.8%	2.9B	26.6	17.8	2.9%	0.7%	9.0% Buy	8.9

PEER COMPANIES

WKL	Wolters Kluwer	ARCAD	Arcadis
RAND	Randstad Holding	BRNL	Brunel International
BOKA	Koninklijke Boskalis	ORANW	Oranjewoud
KVW	Koninklijke VolkerWessels	HEIJM	Heijmans
INTER	Intertrust	BATEN	Batenburg Techniek



EARNINGS

EARNINGS

10

Currency in EUR

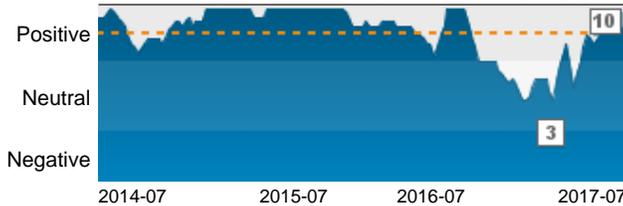
POSITIVE OUTLOOK: Strong earnings with recent analyst upgrades or a history of surpassing consensus estimates.

Earnings Score Averages

Construction & Engineering Group: **8.5**
Indust. & Commercial Svcs. Sector: **6.1**

Mid/Small Market Cap: **5.3**
AEX Index: **5.9**

Earnings Score Trend (4-Week Moving Avg)



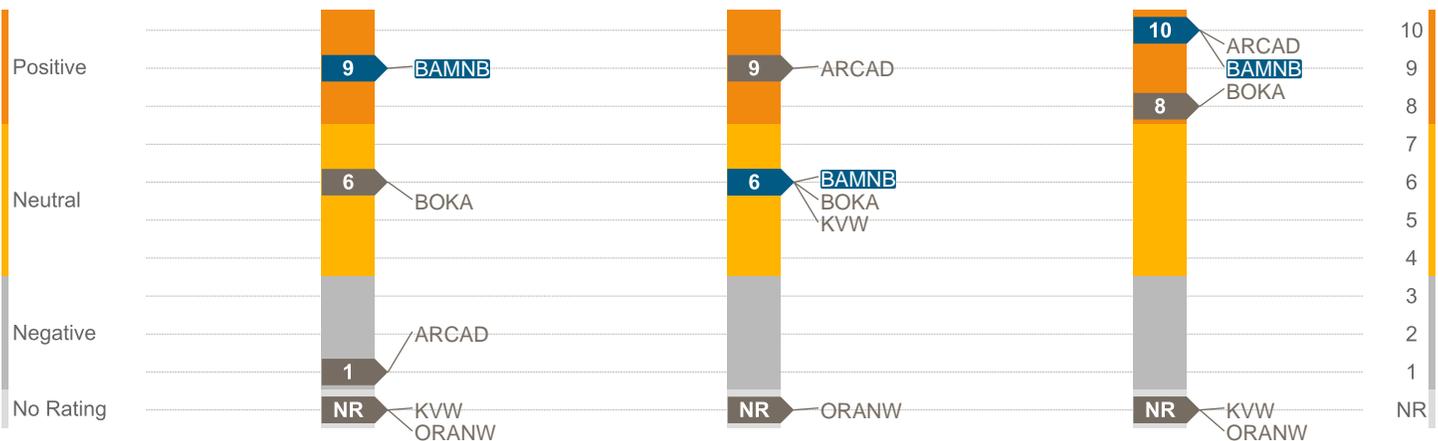
Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
BAMNB	6	8	8	10	10	
ARCAD	1	1	8	9	8	
BOKA	3	4	5	7	7	
KVW	NR	NR	NR	NR	NR	
ORANW	NR	NR	NR	NR	NR	

EARNINGS INDICATORS

Earnings Surprises (33.3% weight)

Estimate Revisions (33.3% weight)

Recommendation Changes (33.3% weight)



Last 4 Years

# Positive Surprises (> 2%)	3
# Negative Surprises (< -2%)	1
# In-Line Surprises (within 2%)	0
Avg Surprise	24.5%

Last 4 Weeks

# Up Revisions	0
# Down Revisions	0
Avg Up Revisions	0.0%
Avg Down Revisions	0.0%

Last 120 Days

# Broker Upgrades	2
# Broker Downgrades	0

HIGHLIGHTS

- Koninklijke BAM Groep currently has an Earnings Rating of 10, with two of three components rated as bullish (7 or greater). The average Earnings Rating for its Construction & Engineering industry is 8.5 and the AMSTERDAM EXCHANGE index average is 5.9.

PRICE TARGET

The chart indicates where analysts predict the stock price will be within the next 12 months, as compared to the current price.



12-Month Price Target

Mean (EUR)	6.46
High	8.00
Low	4.25
Target vs. Current	30.0%
# of Analysts	7



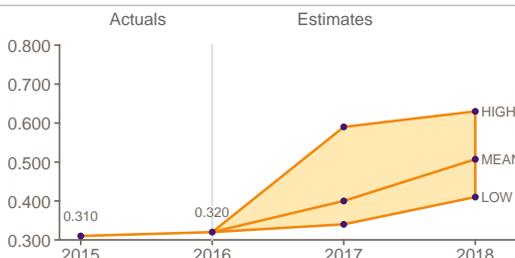
EARNINGS PER SHARE

Earnings per share (EPS) is calculated by dividing a company's earnings by the number of shares outstanding. Analysts tend to interpret a pattern of increasing earnings as a sign of strength and flat or falling earnings as a sign of weakness.

The charts provide a comparison between a company's actual and estimated EPS, including the high and low forecasts.



Quarterly	NA	NA
Mean	--	--
High	--	--
Low	--	--
# of Analysts	--	--



Annual	2017	2018
Mean	0.400	0.507
High	0.590	0.630
Low	0.340	0.410
# of Analysts	7	6

MEAN ESTIMATE TREND

	Q	Q	Y	Y	Price Target
	--	--	2017	2018	
Current	--	--	0.400	0.507	6.46
30 Days Ago	--	--	0.400	0.507	6.49
90 Days Ago	--	--	0.447	0.542	5.94
% Change (90 Days)	--	--	-10.5%	-6.5%	8.8%

Current Fiscal Year End: 17-12
Next Expected Report Date: --

ANALYST RECOMMENDATIONS

Thomson Reuters I/B/E/S Mean: **Strong Buy** (8 Analysts)

Strong Buy	5
Buy	3
Hold	0
Reduce	0
Sell	0

EARNINGS SURPRISES

Comparing a company's actual earnings to the mean expectation of analysts results in a difference referred to as a 'positive' or 'negative' surprise. Research has shown that when a company reports a surprise, it is often followed by more of the same surprise type.

Surprise Summary (Last 6 Years)

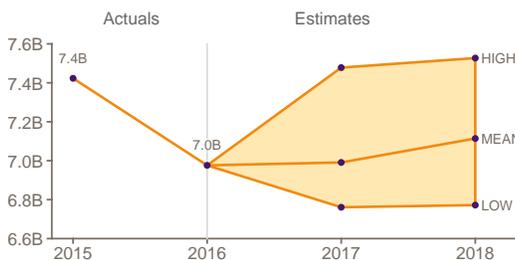
Surprise Type	Amount	Percent
Positive Years (> 2%)	4	80.0%
Negative Years (< -2%)	1	20.0%
In-Line Years (within 2%)	0	--

Surprise Detail (Last 6 Periods)

Surprise Type	Announce Date	Period End Date	Actual EPS	Mean EPS	Surprise (%)
Negative	2017-03-06	2016-12-31	0.320	0.338	-5.3%
Positive	2016-02-18	2015-12-31	0.310	0.224	38.4%
Positive	2015-02-19	2014-12-31	0.280	0.020	1300%
Positive	2014-02-20	2013-12-31	0.210	0.183	14.8%
Positive	2013-03-07	2012-12-31	0.880	0.194	353.6%
In-Line	2012-03-08	2011-12-31	0.540	0.540	0.0%

ANNUAL REVENUE

A pattern of increasing sales in conjunction with a rising EPS may influence a buy recommendation, while flat or falling sales and faltering earnings may explain a sell recommendation. A rising EPS with flat or falling sales may result from increased cost efficiency and margins, rather than market expansion. This chart shows the sales forecast trend of all analysts and the highest and lowest projections for the current and next fiscal year.



	2017	2018
Mean	7.0B	7.1B
High	7.5B	7.5B
Low	6.8B	6.8B
Forecasted Growth	0.2%	2.0%
# of Analysts	6	6



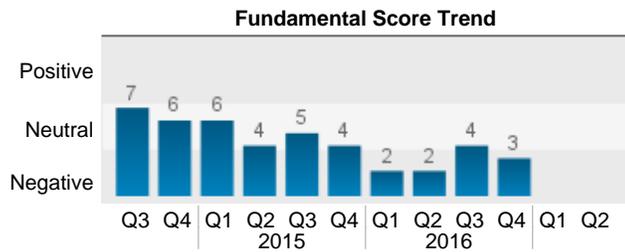
FUNDAMENTAL



NEUTRAL OUTLOOK: Fundamentals relatively in-line with the market.

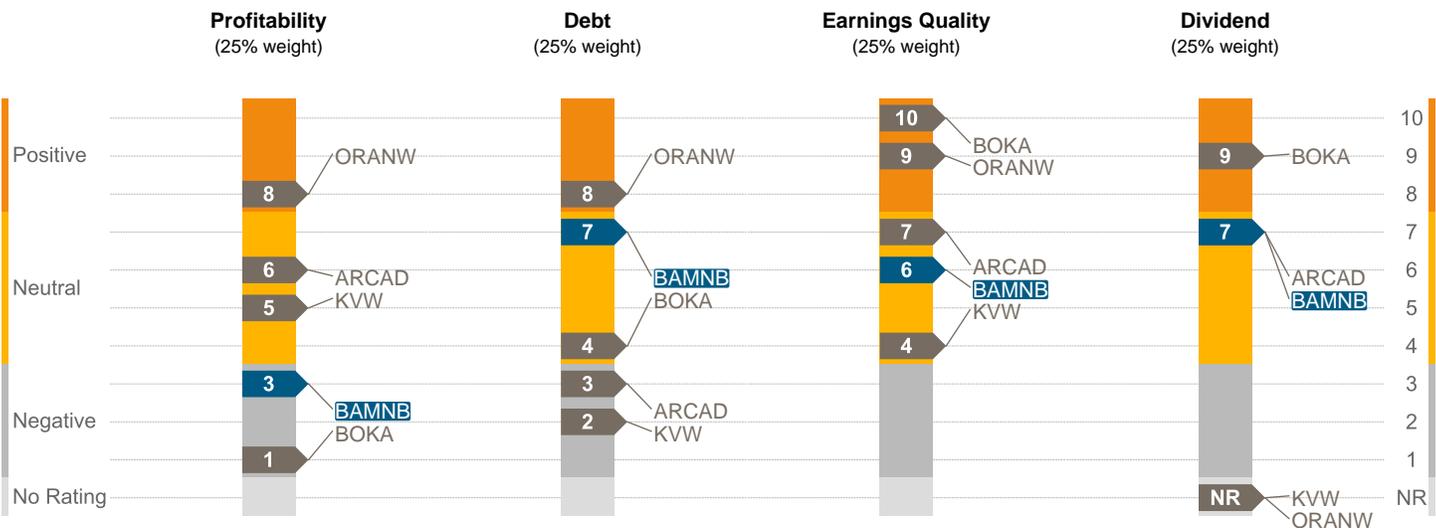
Fundamental Score Averages

Construction & Engineering Group: **5.7** Mid/Small Market Cap: **5.6**
 Indust. & Commercial Svcs. Sector: **5.5** AEX Index: **4.8**



Peers	Q3 2016	Q4 2016	Q1 2017	Q2 2017	Current	3Y Trend
ORANW	4	5	NR	NR	10	[Bar chart]
ARCAD	8	4	3	3	6	[Bar chart]
BOKA	NR	NR	NR	NR	6	[Bar chart]
BAMNB	4	3	NR	NR	5	[Bar chart]
KVW	NR	NR	NR	NR	2	[Bar chart]

FUNDAMENTAL INDICATORS



Revenue Growth	-6.0%	Current Ratio	1.0	Oper. Cash Yield	43.7%	Dividend Growth	350.0%
For year over year ending 2016-12		For interim period ending 2016-12		For latest 12 months ending 2016-12		For year over year ending 2016-12	
Gross Margin	4.7%	Debt-to-Capital	35.6%	Accruals	3.8%	Dividend Payout	52.0%
For latest 12 months ending 2016-12		For annual period ending 2016-12		For latest 12 months ending 2016-12		For latest 12 months ending 2016-12	
Return On Equity	5.4%	Interest Funding	25.2%	Days Sales In Inv.	38.9	Dividend Coverage	23.1
For interim period ending 2016-12		For interim period ending 2016-12		For annual period ending 2016-12		For annual period ending 2016-12	
Net Margin	0.7%	Interest Coverage	2.3	Days Sales In Rec.	95.2	Current Div. Yield	1.8%
For latest 12 months ending 2016-12		For interim period ending 2016-12		For annual period ending 2016-12		For latest 12 months ending 2017-07	

HIGHLIGHTS

- The Fundamental Rating for Koninklijke BAM Groep improved significantly over the last quarter from a bearish 2 to a relatively neutral 5. The average Fundamental Rating for its Construction & Engineering industry group is 5.7 and the AMSTERDAM EXCHANGE index average is 4.9.
- The company's gross margin has been lower than its industry group average for each of the past five years.
- The interest funding for BAMNB is the highest within its Construction & Engineering industry group.
- The company's days sales in inventory has been higher than its industry group average for each of the past five years.
- Of the 7 firms within the Construction & Engineering industry group, Koninklijke BAM Groep is among 4 companies that pay a dividend. The stock's dividend yield is currently 1.8%.



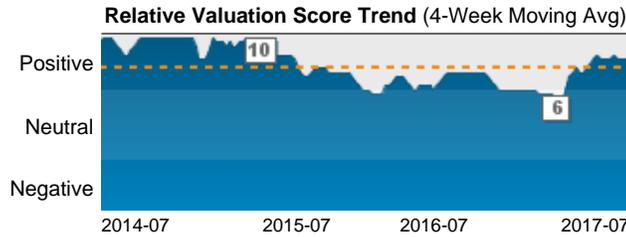
RELATIVE VALUATION



POSITIVE OUTLOOK: Multiples significantly below the market or the stock's historic norms.

Relative Valuation Score Averages

Construction & Engineering Group:	7.4	Mid/Small Market Cap:	5.7
Indust. & Commercial Svcs. Sector:	6.6	AEX Index:	5.4



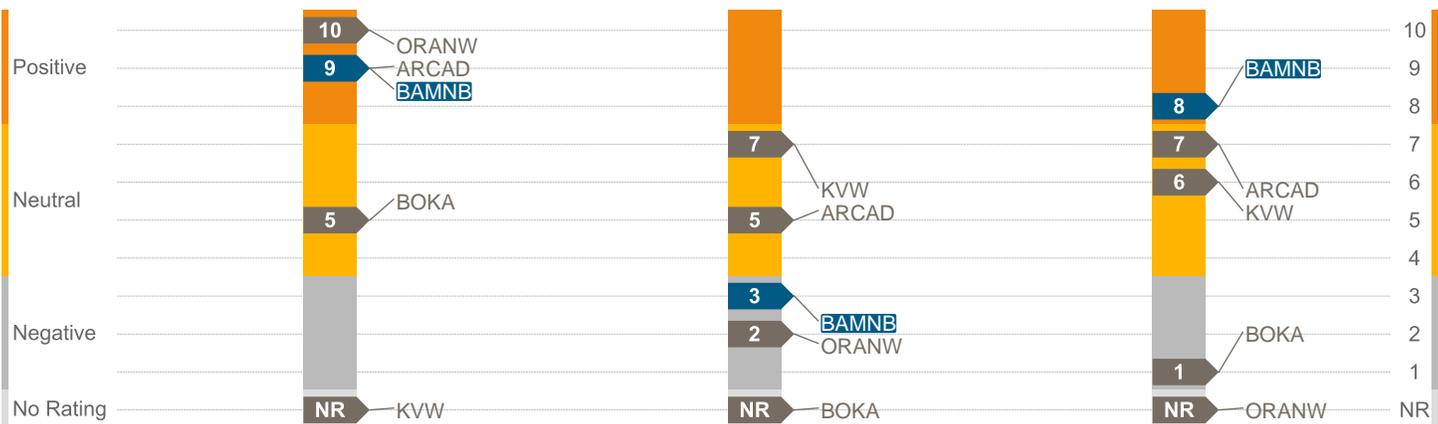
Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
ARCAD	10	9	9	9	9	
BAMNB	7	9	8	9	9	
ORANW	10	10	7	8	8	
KVW	NR	NR	9	7	7	
BOKA	6	2	3	3	3	

RELATIVE VALUATION INDICATORS

Price to Sales (50% weight)

Trailing PE (25% weight)

Forward PE (25% weight)



Indicator	BAMNB	Industry Group	AEX Index
Price to Sales	0.2	0.2	1.1
5-Yr Average	0.1	0.1	1.1
Rel. to 5-Yr Avg.	37% Premium		
Trailing PE	29.2	29.2	20.3
5-Yr Average	43.3	43.3	20.3
Rel. to 5-Yr Avg.	33% Discount		
Forward PE	12.4	12.4	16.8
5-Yr Average	14.4	14.4	16.8
Rel. to 5-Yr Avg.	14% Discount		
Rel. to AEX	82% Discount	44% Premium	26% Discount

HIGHLIGHTS

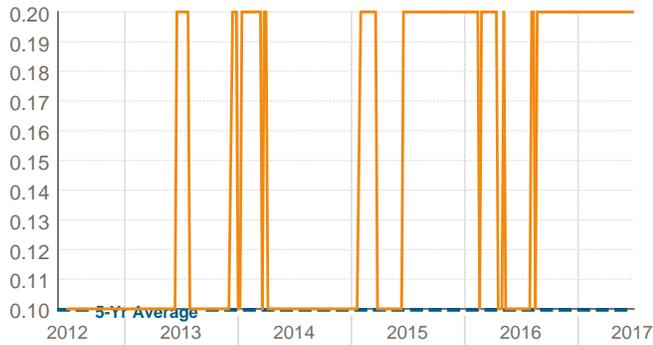
- Koninklijke BAM Groep currently has a Relative Valuation Rating of 9 which is significantly above the AMSTERDAM EXCHANGE index average rating of 4.7.
- Compared to the Construction & Engineering industry group, BAMNB is currently trading at a significant discount based on both Price to Sales ratio and Trailing P/E.
- BAMNB's 0.2 Price to Sales multiple is currently at the high end of its 5-year range (lowest 0.1 to highest 0.2).
- At 29.2, BAMNB's current Trailing P/E is at a 44% Premium to the AMSTERDAM EXCHANGE index average of 20.3.
- BAMNB's 12.4 Forward P/E is currently at the low end of its 5-year range (lowest 4.6 to highest 100.0).



PRICE TO SALES

The most recent week's close price divided by the revenue per share.

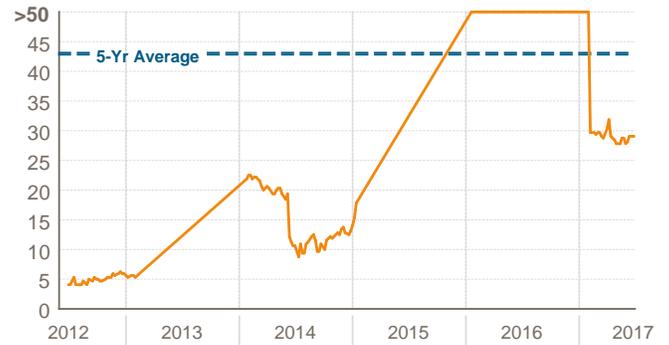
Price to Sales: 0.2
5-Year Average: 0.1
AEX Index Average: 1.1
Construction & Engineering Group Average: 0.5



TRAILING PE

The most recent week's close price divided by the sum of the four most recently reported quarterly earnings.

Trailing PE: 29.2
5-Year Average: 43.3
AEX Index Average: 20.3
Construction & Engineering Group Average: --



FORWARD PE

The most recent week's close price divided by the sum of the four upcoming quarterly consensus estimates.

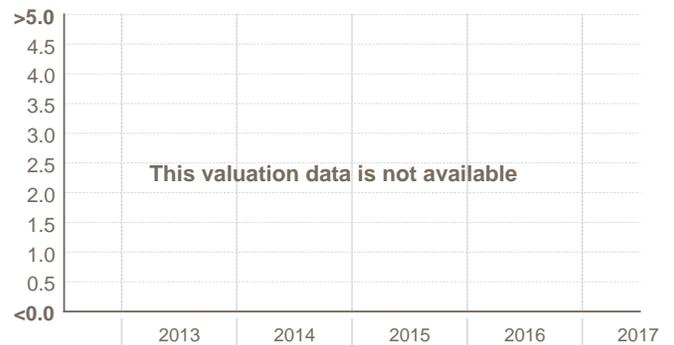
Forward PE: 12.4
5-Year Average: 14.4
AEX Index Average: 16.8
Construction & Engineering Group Average: 17.7



FORWARD PEG

The Forward P/E divided by the five-year forecasted growth rate.

Forward PEG: --
5-Year Average: --
AEX Index Average: 1.1
Construction & Engineering Group Average: 1.3



RISK

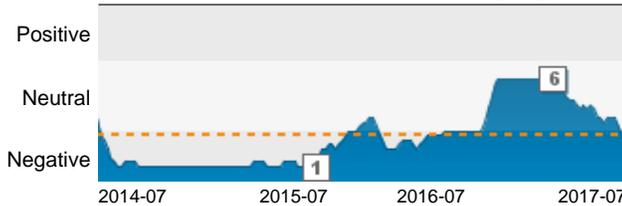


NEGATIVE OUTLOOK: Variable return patterns (high volatility).

Risk Score Averages

Construction & Engineering Group:	5.4	Mid/Small Market Cap:	5.1
Indust. & Commercial Svcs. Sector:	5.3	AEX Index:	6.1

Risk Score Trend (4-Week Moving Avg)



Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
KVW	NR	NR	NR	NR	9	
BOKA	9	8	7	7	7	
ORANW	5	8	6	7	7	
ARCAD	3	2	4	2	3	
BAMNB	6	5	4	2	2	

RISK INDICATORS

Magnitude Of Returns (25% weight)

Volatility (25% weight)

Beta (1-year) (25% weight)

Correlation (25% weight)



Daily Returns (Last 90 Days)		Standard Deviation		Beta vs. AEX		Correlation vs. AEX	
Best	3.6%	Last 90 Days	1.64	Positive Days Only	0.67	Last 90 Days	46%
Worst	-8.5%	Last 60 Months	15.39	Negative Days Only	0.95	Last 60 Months	43%
Monthly Returns (Last 60 Months)		Intra-Day Swing (Last 90 Days)		Beta vs. Group		Correlation vs. Group	
Best	68.6%	Average	1.8%	Positive Days Only	0.77	Last 90 Days	75%
Worst	-43.4%	Largest	5.5%	Negative Days Only	0.76	Last 60 Months	63%

HIGHLIGHTS

- Koninklijke BAM Groep currently has a Risk Rating of 2, which is significantly below the AMSTERDAM EXCHANGE index average rating of 6.4.
- On days when the market is up, BAMNB tends to lag the AMSTERDAM EXCHANGE index. On days when the market is down, the stock generally performs in-line with the index.
- In both short-term and long-term periods, BAMNB has shown high correlation (>= 0.4) with the AMSTERDAM EXCHANGE index. Thus, this stock would provide only low levels of diversification to a portfolio similar to the broader market.
- Over the last 90 days, BAMNB shares have been more volatile than the overall market, as the stock's daily price fluctuations have exceeded that of 79% of AMSTERDAM EXCHANGE index firms.

RISK ANALYSIS

Peers	Last 90 Days				Last 60 Months		
	Best Daily Return	Worst Daily Return	# Days Up	# Days Down	Largest Intra-Day Swing	Best Monthly Return	Worst Monthly Return
BAMNB	3.6%	-8.5%	35	29	5.5%	68.6%	-43.4%
ARCAD	6.0%	-4.6%	32	33	6.3%	23.3%	-34.5%
BOKA	2.7%	-5.0%	31	33	5.6%	13.2%	-15.8%
KVW	3.0%	-2.0%	30	22	5.5%	--	--
ORANW	6.3%	-6.0%	24	13	3.4%	13.6%	-6.6%
AEX	2.3%	-1.5%	31	33	2.3%	9.7%	-10.1%



PRICE MOMENTUM



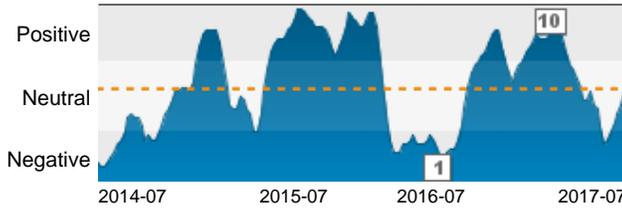
Currency in EUR

NEUTRAL OUTLOOK: Performance relatively in-line with the market.

Price Momentum Score Averages

Construction & Engineering Group:	5.5	Mid/Small Market Cap:	5.5
Indust. & Commercial Svcs. Sector:	4.3	AEX Index:	5.5

Price Momentum Score Trend (4-Week Moving Avg)



Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
BAMNB	7	3	4	7	7	
ARCAD	4	7	7	4	4	
BOKA	7	2	3	4	4	
ORANW	8	5	9	5	4	
KVW	NR	NR	NR	NR	NR	

PRICE MOMENTUM INDICATORS

Relative Strength (70% weight)

Seasonality (30% weight)



Relative Strength Indicator (Scale from 1 to 100)

	BAMNB	Industry Avg
Last 1 Month	54	51
Last 3 Months	52	51
Last 6 Months	52	51

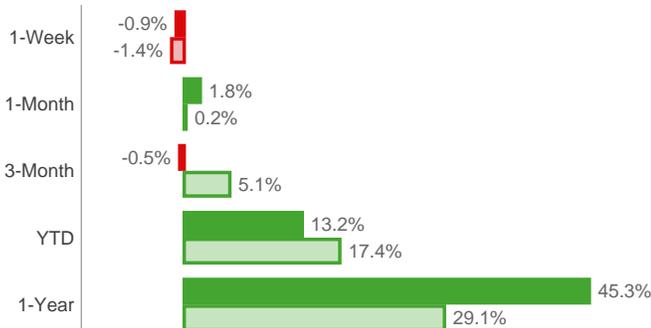
Average Monthly Return (Last 10 Years)

	JUL	AUG	SEP
Company Avg	-1.6%	2.3%	3.8%
Industry Avg	-0.6%	0.1%	-0.4%
Industry Rank	4 of 5	1 of 5	1 of 5

PRICE PERFORMANCE

Daily close prices are used to calculate the performance of the stock as compared to a relevant index over five time periods.

■ BAMNB
■ AMX Mid



	BAMNB	AMX Mid
Close Price (2017-07-24)	4.97	807
52-Week High	5.50	825
52-Week Low	3.33	619

- On 2017-07-24, BAMNB closed at 4.97, 9.7% below its 52-week high and 49.1% above its 52-week low.
- BAMNB shares are currently trading 2.5% above their 50-day moving average of 4.85, and 6.0% above their 200-day moving average of 4.69.
- The AMSTERDAM MID CAP index is currently 2.2% below its 52-week high and 30.3% above its 52-week low.



DETAILED STOCK REPORT TIPS

The Thomson Reuters Stock Report is a comprehensive, company-specific analysis that includes a proprietary Stock Rating along with underlying component indicators and supportive data elements. The report is updated daily, although some of the data elements and the ratings are updated weekly.

Average Score

The Average Score combines a quantitative analysis of five widely-used investment decision making tools - Earnings, Fundamental, Relative Valuation, Risk, and Price Momentum. First, a simple average of the five underlying component ratings is calculated. Then, a normal distribution is used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A score of 8 to 10 is considered positive, 4 to 7 is neutral, and 1 to 3 is negative. These five factors may be evaluated differently using alternative methodologies, and the importance of individual factors varies across industry groups, market capitalization and investment styles. Additional criteria should always be used to evaluate a stock.

A company must have sufficient data available for at least three of the five component indicators in order to receive an overall Average Score. Approximately 85% of the stocks within the coverage universe meet the criteria to generate a score.

Indicator Components

The five indicators that comprise the stock rating are displayed. Like the stock rating, the component rating scale is 1 to 10, with 10 being best. A company will receive an 'NR' for No Rating if the required data elements or criteria are not met. A detailed section for each component is included in the report.

Indicator Trends

Within each component section, historical score trends are displayed, typically using a 4-week moving average over a timeframe of the past three years. The dotted orange line indicates the average of the scores over those three years. The most recent occurrences of the best and worst scores are also displayed on the chart in grey boxes to put the current score into historical context.

Next to the trend chart for the company, current score averages are included, along with peer company comparisons of values from 6 months ago, 3 months ago, 1 month ago, the most recent value from 1 week ago, and the current score. The four closest industry peers are presented based on similar market capitalization.

Peer Analysis

The Thomson Reuters Business Classification (TRBC) system is used for industry comparisons. It is designed to track and display the primary business of a corporation by grouping together correlated companies that offer products and services into similar end markets. The system includes 10 Economic Sectors, 28 Business Sectors, 54 Industry Groups, and 136 Industries.

The Peer Analysis section of the report compares the company to its ten closest peers. The peers are selected from the industry based on similar market capitalization. The peer listing may have fewer than ten companies if there are fewer than ten companies within that industry classification.

Highlights

The Thomson Reuters proprietary automated text-generation system creates highlights summarizing the most noteworthy data. The bullets will vary by company and will change from week to week as different criteria are met.

Earnings

The Earnings Rating is based on a combination of three factors: earnings surprise, estimate revision, and recommendation changes. Each factor is equally weighted. Then, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A stock needs to have at least two of the three earnings factors in order to receive a score.

Earnings Surprises - The number of positive and negative surprises within the last 4 periods (quarters or years).

Estimate Revisions - The number of up and down revisions and the average percentage change of those revisions within a 4 week period.

Recommendation Changes - The number of broker upgrades and downgrades in the last 120 days.

Price Target

The price target is based on the predictions of analysts covering the stock and shows the high, low and mean price expected within the next 12 months.

Earnings Per Share

The quarterly and annual earnings per share are presented when available, along with the mean, high and low. Quarterly data is displayed for the past 4 quarters (actual) and the next 2 quarters (estimated). Annual data is displayed for the past 2 years (actual) and the next 2 years (estimated).

Mean Estimate Trend

The mean estimates show how the consensus has changed over the past 30 days and 90 days for the upcoming two quarters (when available) and two years. The percentage change is calculated for the company as a means for comparison by measuring the difference between the current consensus estimate and that of 90 days ago.

Analyst Recommendations

The I/B/E/S Mean is the average recommendation of all analysts covering the stock, as provided by Thomson Reuters I/B/E/S (Institutional Brokers Estimate System). The recommendations are presented on a five-point standardized scale: strong buy, buy, hold, reduce, and sell.

Earnings Surprises

The surprise summary includes the total number of time periods (and percentage) in the last 12 quarters (quarterly) or last 4 years (annual) in which earnings surprises were positive, negative, or in-line. In order to be recognized as a positive or negative surprise, the percent must be greater than 2% above or 2% below the consensus, respectively.

The surprise detail section includes a listing of the company's quarterly earnings reported for the most recent 6 periods (quarters or years). The consensus analyst estimate is provided to determine if the actual earnings report represented a positive surprise, negative surprise, or in-line result.

Fundamental

The Fundamental Rating is based on a combination of four fundamental component factors: profitability, debt, earnings quality, and dividend. Companies that do not pay a dividend are not penalized. Each factor is equally weighted. Then, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A stock needs to have at least two of the four fundamental factors present in order to receive a score.

Profitability is comprised of four data elements.

- Revenue Growth: (Net Sales – Previous Net Sales) / Previous Net Sales
- Gross Margin: Gross Profit / Net Sales
- Return on Equity: Net Income / Total Equity
- Net Margin: Net Profit / Net Sales

Debt is comprised of four data elements.

- Current Ratio: Current Assets / Current Liabilities
- Debt-to-Capital: Total Debt / Total Capital
- Interest Funding: (Interest Expense on Debt + Preferred Cash Dividends) / Funds from Operations
- Interest Coverage: Earnings before Interest and Taxes / (Interest Expense on Debt + Preferred Cash Dividends)

Earnings Quality is comprised of four data elements.

- Operating Cash Yield: (Operating Cash Flow – Net Income) / Net Income
- Accruals: (Net Income – Operating Cash Flow – Investing Cash Flow) / Average Net Operating Assets
- Days Sales in Inventory: 365 / (Cost of Goods Sold / Inventory)
- Days Sales in Receivables: 365 / (Net Sales / Receivables)

Dividend is comprised of four data elements. The company must have a current dividend yield.

- Dividend Growth Rate: (Dividends per Share – Previous Dividends per Share) / Previous Dividends per Share
- Dividend Payout: Dividends per Share / Earnings per Share
- Dividend Coverage: Funds from Operations / Cash Dividends
- Dividend Yield: Annual Dividends per Share / Current Market Price per Share

Indicator Trend

The fundamental indicator trend displays either quarterly scores over the past three years or annual scores over the past six years, depending on the reporting periods for the country. The best and worst scores can be easily determined from the values shown on the chart for each quarter or year.

Relative Valuation

The Relative Valuation Rating is based on a combination of three component factors: Price to Sales (50% weight), Trailing P/E (25% weight), and Forward P/E (25% weight). After the weightings are considered to combine individual factors, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. These common valuation metrics are evaluated against the overall market, the index, and the company's own historic 5-year averages. A stock needs to have at least one of the three relative valuation factors in order to receive a score.

Price to Sales: Close Price / (Sales for 4 Quarters or 1 Year / Shares Outstanding)

Trailing P/E: Close Price / Most Recent 4 Quarters or 1 Year of Earnings

Forward P/E: Close Price / Upcoming 4 Quarters or 1 Year of Earnings



Valuation Averages

Negative values are excluded when calculating the averages. A maximum value of 100 is placed on Trailing P/E and Forward P/E, a maximum value of 5 is placed on Forward PEG, and a maximum value of 20 is placed on Price to Sales when calculating the averages. Higher values are rounded down to the maximum for the averages.

Valuation Multiples

The valuation multiples provide the Trailing P/E, Forward P/E, Forward PEG, and Price to Sales for the company and the S&P 500 index average. In addition, a comparison of the current company's values to its 5-year average and an industry average are presented. A discount occurs when the company's ratio is valued more favorably (lower) than that to which it is compared.

Risk

The Risk Rating displays stocks on a scale of 1 to 10 with 10 being awarded to the least risky stocks. It is derived by looking at a series of long-term (5-year) and short-term (90-day) stock performance measures including volatility, magnitude of returns, beta, and correlation. Each factor is equally weighted. Then, equal deciles are used to rank each stock across the market. A stock needs to have at least two of the four risk factors in order to receive a score.

Magnitude of Returns – The best / worst daily returns in the past 90 days and the best / worst monthly returns in the past 60 months.

Volatility – The standard deviation of the stock price over the last 90 days and last 60 months, along with the average and largest intra-day stock swing.

Beta – Measures the tendency of a security's returns to respond to swings in the market, based on the beta of the company versus the relevant index.

Correlation – Determines how closely the returns of the stock and the relevant index move together, measured over the last 90 days and last 60 months.

Risk Analysis

Price analysis for the company and the relevant index is provided over two time periods. Daily analysis is provided for the last 90 days, whereas monthly statistics are used for the last 60 months.

Price Momentum

The Price Momentum Rating is based on a combination of two technical performance factors: relative strength (70% weight) and seasonality (30% weight). After the weightings are considered to combine individual factors, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A stock needs to have data for the relative strength factor in order to receive a score.

Relative Strength – The relative strength of the company for the last 1 month, 3 months, and 6 months on a scale of 1 to 100.

Seasonality – The average monthly return (price performance) for the current month and next 2 months for the company and industry, over the past 10 years. A lower industry rank indicates a higher return.

Price Performance

Daily close prices are used to calculate the price performance of the stock. The performance of the relevant index is also displayed as a means of comparison.

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