Tecnocom Telecomunicaciones y Energia SA TEC $\star \star \star^{Q}$ ^{21 Aug 2017 02:00 UTC}

Last Close 22 May 2017	Fair Value^Q 21 Aug 2017 02:00 UTC			Market Cap 22 May 2017				Sector			Industry Country of Domicile				
4.75			117 02.00 011	J	356.4 Mil				Technology			Information Technology ESP Spain Services			
There is no one analyst in which Star Bating are attributed to: ho					Price vs. Quan	titative Fair	Value								
Star Rating are attributed to; however, Mr. Lee Davidson, Head of Quantitative Research for Morningstar, Inc., is responsible for overseeing the methodology that supports the quantitative fair value. As an employee of Morningstar, Inc., Mr. Davidson is guided by Morningstar, Inc.'s Code of Ethics and Personal Securities Trading Policy in carrying out his responsibilities. For information regarding Conflicts of Interests, visit http://global.morningstar.com/equitydisclosures					2013	2013 2014 2015 2016 2017 20				2018	18 — Quantitative Fair Value Estimate — Total Return				
Company Profile Tecnocom Telecomunic the information techno Its business lines comp services, as well as bus management.		~~~			M		17	8 ▲ Dividend ▲ Split — 6 Momentum: — Standard Deviation: 42.99 4 Liquidity: Low			4.7				
Quantitative Scores		Scores						~					0.95	5-Yr	4.7
0			Rel Sector R	'	10.1	7.0		10.4	204		10.1				ч.7
	None Overvalue	45 d 13	55 14	37 14	13.1 -2.4	7.0		-10.4 -7.2	264.		13.1 -3.8			Return % arket (Morningstar V	Vorld
Quantitative Uncertainty		1 13 66	14 65	14 45	<u> </u>				0.6					g Dividend Yield %	
1	Moderate	67	56	58	_	_		_		_	0.53			rd Dividend Yield %	
					-21.5	227.3		-6.7	42.3	2	526.3			Earnings	
			TEC		0.2	0.3		0.2	0.	8	0.8		Price/	Revenue	
	ESP	(\mathbf{Q}											ngstar Rating ^o	
Undervalued Fa	irly Valued		(Overvalued					1 11				***:		
Source: Morningstor Equit	v Bosoarch										***				
Source: Morningstar Equity	y nesedicii												**		
Valuation			Sector	Country	2012	2013		2014	201	5	2016	ттм	Financi	als (Fiscal Year in K	
Valaaton	Current	5-Yr Avg	Median	Median	385,034	382,315		375,626	408,838		419,029	422,706	Revenue		,
Price/Quant Fair Value	1.08	0.96	0.91	1.00	-3.0	-0.7		-1.7	8.8	8	2.5	0.9	% Char	ige	
Price/Earnings	516.3	115.0	24.4	17.4	4,513	11,531		6,832	11,57	1	17,993	17,644	Operatir	ng Income	
Forward P/E			18.4	15.7	-57.9	155.5		-40.8	69.4	-	55.5	-1.9	% Char	•	
Price/Cash Flow	10.7	5.0	15.7	9.2	-4,057	390		-13,050	3,118		365	674	Net Inco		
Price/Free Cash Flow Trailing Dividend Yield %	14.2 6 0.53	11.0	22.2 1.71	15.3 3.05	16,640	21,295		18,910	27,132	-	33,449	33,449		ng Cash Flow	
Price/Book	2.3	0.7	2.4	1.8	-8,644 7,996	-12,492 8,803		-11,981 6,929	-6,190 20,942		-8,363 25,086	-8,363 25,086	Free Cas	Spending	
Price/Sales	0.8	0.3	1.7	1.5	2.1	2.3		1.8	5.1		6.0	5.9	% Sale		
					-0.06	0.01		-0.18	0.04		0.01	0.01	EPS		
Profitability			Sector	Country	-193.3		-	3,720.0	_	-	-88.4	82.4	% Char	ige	
	Current	•	Median	Median	0.11	0.15		0.06	0.18	8	0.41	0.33	Free Cas	sh Flow/Share	
Return on Equity % Return on Assets %	_	-1.6 -0.8	11.9 6.2	13.1 3.5	0.05	0.00		0.00	0.00	0	0.03	0.03		ls/Share	
Revenue/Employee (K)	139.6	-0.0 77.3	428.1	287.5	2.31	2.31		2.30	2.1		2.21	2.10		lue/Share	
					71,978	72,012		72,246	72,246	6	71,831	75,025	Shares (Outstanding (K)	
Financial Health	0.		Sector	Country									Profita		
Distance to Default	Current 0.6	5-Yr Avg 0.5	Median 0.6	Median 0.6	-2.4 -1.2	0.2		-8.2 -3.9	2.0		0.2 0.1			on Equity % on Assets %	
Solvency Score	0.6	0.0	0.6 474.2	0.6 579.7	-1.2 -1.1	0.1		-3.9 -3.5	0.8	-	0.1 0.1	0.2	Net Ma		
Assets/Equity	2.1	2.1	1.6	2.9	1.13	1.14		-3.3 1.11	1.16		1.20	0.2	Asset Ti	•	
Long-Term Debt/Equity	0.4	0.3	0.1	0.4	2.0	2.0		2.2	2.3		2.1	2.1		I Leverage	
					74.2	14.0		12.1	13.9	*****	100.0	99.2		largin %	
					1.2	3.0		1.8	2.8		4.3	4.2		ng Margin %	
					31,877	31,592		54,368	51,002		56,760	56,760	Long-Te		
					166,147	166,020	1	154,416	156,828		157,866	157,866	Total Eq		
							34.7	38.3	3	39.1	— Fixed Asset Turns				
Growth Per Share	1-Year	3-Year	r 5-Year	10-Year	Quarterly Reve Revenue (Mil)		lue	Con	Doo	Total		e Growth Year	On Year	%	
Revenue %	2.5	3.1		13.6	Revenue (IVIII) 2017	Mar 106.4	Jun	Sep	Dec	Total					
Operating Income %	55.5	16.0		_	2016	102.7	85.8	111.5	119.0	419.0		19.0			
Earnings %	-88.2	-2.1		-29.1	2015	98.0	82.1	111.0	117.8	408.8		18.9			
Dividends %	—	_		_	2014	92.3	69.1	106.8	107.4	375.6			0.0		
Book Value %	1.2				Earnings Per Sha 2017	are () 0.02	_	_	_	_	6.1		9.6		
Stock Total Return %	218.3	41.0	23.8		2017 2016	0.02	0.02	0.02	-0.06	0.01		3.9	4.9		.0 3.6
					2015	0.00	0.00	0.01	0.03	0.04			2016	0.5 1	2017
					2014	0.00	0.00	0.00	-0.18	-0.18	2013		2010		2017

© Morningstar 2017. All Rights Reserved. Unless otherwise provided in a separate agreement, you may use this report only in the country in which its original distributor is based. The information, data, analyses and opinions presented herein do not constitute investment advice; are provided solely for informational purposes and therefore is not an offer to buy or sell a security; are not warranted to be correct, complete or accurate; and are subject to change without notice. Except as otherwise required by law, Morningstar shall not be responsible for any trading decisions, damages or other losser sesuiting from, or related to, the information, data, analyses or opinions or their use. The information herein may not be reproduced, in any manner without the prior written consent of Morningstar. Please see important disclosures at the end of this report.



Quantitative Equity Reports Overview

The quantitative report on equities consists of data, statistics and quantitative equity ratings on equity securities. Morningstar, Inc.'s quantitative equity ratings are forward looking and are generated by a statistical model that is based on Morningstar Inc.'s analyst-driven equity ratings and quantitative statistics. Given the nature of the quantitative report and the quantitative ratings, there is no one analyst in which a given report is attributed to; however, Mr. Lee Davidson, Head of Quantitative Research for Morningstar, Inc., is responsible for overseeing the methodology that supports the quantitative equity ratings used in this report. As an employee of Morningstar, Inc., Mr. Davidson is guided by Morningstar, Inc.'s Code of Ethics and Personal Securities Trading Policy in carrying out his responsibilities.

Quantitative Equity Ratings

Morningstar's quantitative equity ratings consist of: (i) Quantitative Fair Value Estimate, (ii) Quantitative Star Rating, (iii) Quantitative Uncertainty, (iv) Quantitative Economic Moat, and (v) Quantitative Financial Health (collectively the "Quantitative Ratings).

The Quantitative Ratings are calculated daily and derived from the analystdriven ratings of a company's peers as determined by statistical algorithms. Morningstar, Inc. ("Morningstar", "we", "our") calculates Quantitative Ratings for companies whether or not it already provides analyst ratings and qualitative coverage. In some cases, the Quantitative Ratings may differ from the analyst ratings because a company's analyst-driven ratings can significantly differ from other companies in its peer group.

i. **Quantitative Fair Value Estimate:** Intended to represent Morningstar's estimate of the per share dollar amount that a company's equity is worth today. Morningstar calculates the Quantitative Fair Value Estimate using a statistical model derived from the Fair Value Estimate Morningstar's equity analysts assign to companies. Please go to

http://global.morningstar.com/equitydisclosures for information about Fair Value Estimate Morningstar's equity analysts assign to companies.

ii. **Quantitative Economic Moat:** Intended to describe the strength of a firm's competitive position. It is calculated using an algorithm designed to predict the Economic Moat rating a Morningstar analyst would assign to the stock. The rating is expressed as Narrow, Wide, or None.

Narrow – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 70% but less than 99%.

Wide – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 99%.

None – assigned when the probability of an analyst receiving a "Wide Moat" rating by an analyst is less than 70%.

iii. **Quantitative Star Rating:** Intended to be the summary rating based on the combination of our Quantitative Fair Value Estimate, current market price, and the Quantitative Uncertainty Rating. The rating is expressed as One-Star, Two-Star, Three-Star, Four-Star, and Five-Star.

One-Star – the stock is overvalued with a reasonable margin of safety. *Log (Quant FVE/Price) < -1*Quantitative Uncertainty*

Two-Star - the stock is somewhat overvalued.

Log (Quant FVE/Price) between (-1*Quantitative Uncertainty, -0.5*Quantitative Uncertainty)

Three-Star - the stock is approximately fairly valued.

Log (Quant FVE/Price) between (-0.5*Quantitative Uncertainty, 0.5*Quantitative Uncertainty)

Four-Star - the stock is somewhat undervalued.

Log (Quant FVE/Price) between (0.5*Quantitative Uncertainty, 1*Quantitative Uncertainty)

Five-Star – the stock is undervalued with a reasonable margin of safety. Log (Quant FVE/Price) > 1*Quantitative Uncertainty

iv. **Quantitative Uncertainty:** Intended to represent Morningstar's level of uncertainty about the accuracy of the Quantitative Fair Value Estimate. Generally, the lower the Quantitative Uncertainty, the narrower the potential range of outcomes for that particular company. The rating is expressed as Low, Medium, High, Very High, and Extreme.

Low – the interquartile range for possible fair values is less than 10% Medium – the interquartile range for possible fair values is less than 15% but greater than 10%

High – the interquartile range for possible fair values is less than 35% but greater than 15%

 $Very\ High$ — the interquartile range for possible fair values is less than 80% but greater than 35%

 $\ensuremath{\text{Extreme}}$ – the interquartile range for possible fair values is greater than 80%

v. **Quantitative Financial Health:** Intended to reflect the probability that a firm will face financial distress in the near future. The calculation uses a predictive model designed to anticipate when a company may default on its financial obligations. The rating is expressed as Weak, Moderate, and Strong.

Weak - assigned when Quantitative Financial Health < 0.2

Strong – assigned when Quantitative Financial Health > 0.7

Other Definitions

i. Last Close – Price of the stock as of the close of the market of the last trading day before date of the report.

ii. **Quantitative Valuation**– Using the below terms, intended to denote the relationship between the security's **Last Price** and Morningstar's quantitative fair value estimate for that security.

Undervalued – Last Price is below Morningstar's quantitative fair value estimate.

Farily Valued – Last Price is in line with Morningstar's quantitative fair value estimate.

Overvalued – Last Price is above Morningstar's quantitative fair value estimate.

This Report **has not been made available** to the issuer of the security prior to publication.

Risk Warning

Please note that investments in securities are subject to market and other risks and there is no assurance or guarantee that the intended investment objectives will be achieved. Past performance of a security may or may not be sustained in future and is no indication of future performance. A security investment return and an investor's principal value will fluctuate so that, when redeemed, an investor's shares may be worth more or less than their original cost. A security's current investment performance may be lower or higher than the investment performance noted within the report.

The quantitative equity ratings are not statements of fact. Morningstar does not guarantee the completeness or accuracy of the assumptions or models used in determining the quantitative equity ratings. In addition, there is the risk that the price target will not be met due to such things as unforeseen changes in demand for the company's products, changes in management, technology, economic development, interest rate development, operating and/or material costs, competitive pressure, supervisory law, exchange rate, and tax rate. For

© Morningstar 2017. All Rights Reserved. Unless otherwise provided in a separate agreement, you may use this report only in the country in which its original distributor is based. The information, data, analyses and opinions presented herein do not constitute investment advice; are provided solely for informational purposes and therefore is not an offer to buy or sell a security, are not warranted to be correct, complete or accurate; and are subject to change without notice. Except as otherwise required by law, Morningstar shall not be responsible for any trading decisions, damages or other losses resulting from, or related to, the information herein may not be reproduced, in any manner without the prior written consent of Morningstar. Please see important disclosures at the end of this report.



investments in foreign markets there are further risks, generally based on exchange rate changes or changes in political and social conditions. A change in the fundamental factors underlying the quantitative equity ratings can mean that the valuation is subsequently no longer accurate.

For more information about Morningstar's quantitative methodology, please visit www.corporate.morningstar.com.

General Disclosure

The Quantitative Equity Report ("Report") is derived from data, statistics and information within Morningstar, Inc.'s database as of the date of the Report and is subject to change without notice. The Report is for informational purposes only, intended for financial professionals and/or sophisticated investors ("Users") and should not be the sole piece of information used by such Users or their clients in making an investment decision. While Morningstar has obtained data, statistics and information from sources it believes to be reliable, Morningstar does not perform an audit or seeks independent verification of any of the data, statistics, and information it receives.

The quantitative equity ratings noted the Report are provided in good faith, are as of the date of the Report and are subject to change. While Morningstar has obtained data, statistics and information from sources it believes to be reliable, Morningstar does not perform an audit or seeks independent verification of any of the data, statistics, and information it receives.

The quantitative equity ratings are not a market call, and do not replace the User or User's clients from conducting their own due-diligence on the security. The quantitative equity rating is not a suitability assessment; such assessments take into account may factors including a person's investment objective, personal and financial situation, and risk tolerance all of which are factors the quantitative equity rating statistical model does not and did not consider.

Prices noted with the Report are the closing prices on the last stock-market trading day before the publication date stated, unless another point in time is explicitly stated.

Unless otherwise provided in a separate agreement, recipients accessing this report may only use it in the country in which the Morningstar distributor is based. Unless stated otherwise, the original distributor of the report is Morningstar Inc., a U.S.A. domiciled financial institution.

This report was created with no regard to investment objectives, financial situation or particular needs of any specific User or User's clients. Therefore, investments discussed and recommendations made herein may not be suitable for all investors: recipients of this report must exercise their own independent judgment as to the suitability of such investments and recommendations in the light of their own investment objectives, experience, taxation status and financial position.

The information, data and statistics presented herein are not warranted to be accurate, correct, complete or timely. Unless otherwise provided in a separate agreement, Morningstar makes no representation that the report contents meet all of the presentation and/or disclosure standards applicable in the jurisdiction the recipient is located.

Except as otherwise required by law or provided for in a separate agreement, Morningstar and its officers, directors and employees shall not be responsible or liable for any trading decisions, damages or other losses resulting from, or related to, the information, data, analyses or opinions within the report. Morningstar encourages recipients of this report to read all relevant issue documents (e.g., prospectus) pertaining to the security concerned, including without limitation, information relevant to its investment objectives, risks, and costs before making an investment decision and when deemed necessary, to seek the advice of a legal, tax, and/or accounting professional.

The Report and its contents are not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would subject Morningstar or its affiliates to any registration or licensing requirements in such jurisdiction.

Where this report is made available in a language other than English and in the case of inconsistencies between the English and translated versions of the report, the English version will control and supersede any ambiguities associated with any part or section of a report that has been issued in a foreign language. Neither the analyst, Morningstar, or Morningstar affiliates guarantee the accuracy of the translations.

This report may be distributed in certain localities, countries and/or jurisdictions ("Territories") by independent third parties or independent intermediaries and/or distributors ("Distributors"). Such Distributors are not acting as agents or representatives of the analyst or Morningstar. In Territories where a Distributor distributes our report, the Distributor, and not the analyst or Morningstar, is solely responsible for complying with all applicable regulations, laws, rules, circulars, codes and guidelines established by local and/or regional regulatory bodies, including laws in connection with the distribution third-party research reports.

Conflicts of Interest:

Morningstar, Inc. may hold a long position in the security subject of this investment research report that exceeds 0.5% of the total issued share capital of the security. To determine if such is the case, please click http://msi.morningstar.com and http://mdi.morningstar.com.

The Head of Quantitative Research compensation is derived from Morningstar's overall earnings and consists of salary, bonus and restricted stock units of Morningstar, Inc.

Morningstar does not receive commissions for providing research and does not charge companies to be rated.

Morningstar is not a market maker or a liquidity provider of the security noted within this report.

Morningstar has not been a lead manager or co-lead manager over the previous 12-months of any publicly disclosed offer of financial instruments of the issuer.

Morningstar affiliates (i.e., its investment management group) have arrangements with financial institutions to provide portfolio management/investment advice some of which an analyst may issue investment research reports on. However, the Head of Quantitative Research does not have authority over Morningstar's investment management group's business arrangements nor allow employees from the investment management group to participate or influence the analysis or opinion prepared by them.

Morningstar, Inc. is a publically traded company (Ticker Symbol: MORN) and thus a financial institution the security of which is the subject of this report may own more than 5% of Morningstar, Inc.'s total outstanding shares. Please access Morningstar, Inc.'s proxy statement, "Security Ownership of Certain Beneficial Owners and Management" section

http://investorrelations.morningstar.com/sec.cfm?doctype=Proxy&year=&x=12&

© Morningstar 2017. All Rights Reserved. Unless otherwise provided in a separate agreement, you may use this report only in the country in which its original distributor is based. The information, data, analyses and opinions presented herein do not constitute investment advice; are provided solely for informational purposes and therefore is not an offer to buy or sell a security; are not warranted to be correct, complete or accurate; and are subject to change without notice. Except as otherwise required by law, Morningstar shall not be responsible for any trading decisions, damages or other losses resulting from, or related to, the information, data, analyses or opinions or their use. The information herein may not be reproduced, in any maner without the prior written consent of Morningstar. Please see important disclosures at the end of this report.



y=10

Morningstar may provide the product issuer or its related entities with services or products for a fee and on an arms' length basis including software products and licenses, research and consulting services, data services, licenses to republish our ratings and research in their promotional material, event sponsorship and website advertising.

Further information on Morningstar's conflict of interest policies is available from http://global.morningstar.com/equitydisclosures. Also, please note analysts are subject to the CFA Institute's Code of Ethics and Standards of Professional Conduct.

Morningstar's quantitative ratings are available for more than 28,000 companies in 86 countries that trade on 64 exchanges. If you wish to obtain further information regarding Morningstar's quantitative equity reports please contact your local Morningstar office.

For Recipients in Australia: This Report has been issued and distributed in Australia by Morningstar Australasia Pty Ltd (ABN: 95 090 665 544; ASFL: 240892). Morningstar Australasia Pty Ltd is the provider of the general advice ('the Service') and takes responsibility for the production of this report. The Service is provided through the research of investment products. To the extent the Report contains general advice it has been prepared without reference to an investor's objectives, financial situation or needs. Investors should consider the advice in light of these matters and, if applicable, the relevant Product Disclosure Statement before making any decision to invest. Refer to our Financial Services Guide (FSG) for more information at http://www.morningstar.com.au/fsg.pdf

For Recipients in Hong Kong: The Report is distributed by Morningstar Investment Management Asia Limited, which is regulated by the Hong Kong Securities and Futures Commission to provide services to professional investors only. Neither Morningstar Investment Management Asia Limited, nor its representatives, are acting or will be deemed to be acting as an investment advisor to any recipients of this information unless expressly agreed to by Morningstar Investment Management Asia Limited. For enquiries regarding this research, please contact a Morningstar Investment Management Asia Limited Licensed Representative at http://global.morningstar.com/equitydisclosures.

For Recipients in India: This Investment Research is issued by Morningstar Investment Adviser India Private Limited. Morningstar Investment Adviser India Private Limited is registered with the Securities and Exchange Board of India (Registration number INA000001357) and provides investment advice and research. Morningstar Investment Adviser India Private Limited has not been the subject of any disciplinary action by SEBI or any other legal/regulatory body. Morningstar Investment Adviser India Private Limited is a wholly owned subsidiary of Morningstar Investment Management LLC. In India, Morningstar Investment Adviser India Private Limited has one associate, Morningstar India Private Limited, which provides data related services, financial data analysis and software development.

The Research Analyst has not served as an officer, director or employee of the fund company within the last 12 months, nor has it or its associates engaged in market making activity for the fund company.

*The Conflicts of Interest disclosure above also applies to relatives and associates of Manager Research Analysts in India # The Conflicts of Interest disclosure above also applies to associates of Manager Research Analysts in India. The terms and conditions on which Morningstar Investment Adviser India Private Limited offers Investment Research to clients, varies from client to client, and are detailed in the respective client agreement. **For recipients in Japan:** The Report is distributed by Ibbotson Associates Japan, Inc., which is regulated by Financial Services Agency. Neither Ibbotson Associates Japan, Inc., nor its representatives, are acting or will be deemed to be acting as an investment advisor to any recipients of this information.

For recipients in Singapore: This Report is distributed by Morningstar Investment Adviser Singapore Pte Limited, which is licensed by the Monetary Authority of Singapore to provide financial advisory services in Singapore. Investors should consult a financial adviser regarding the suitability of any investment product, taking into account their specific investment objectives, financial situation or particular needs, before making any investment decisions.

