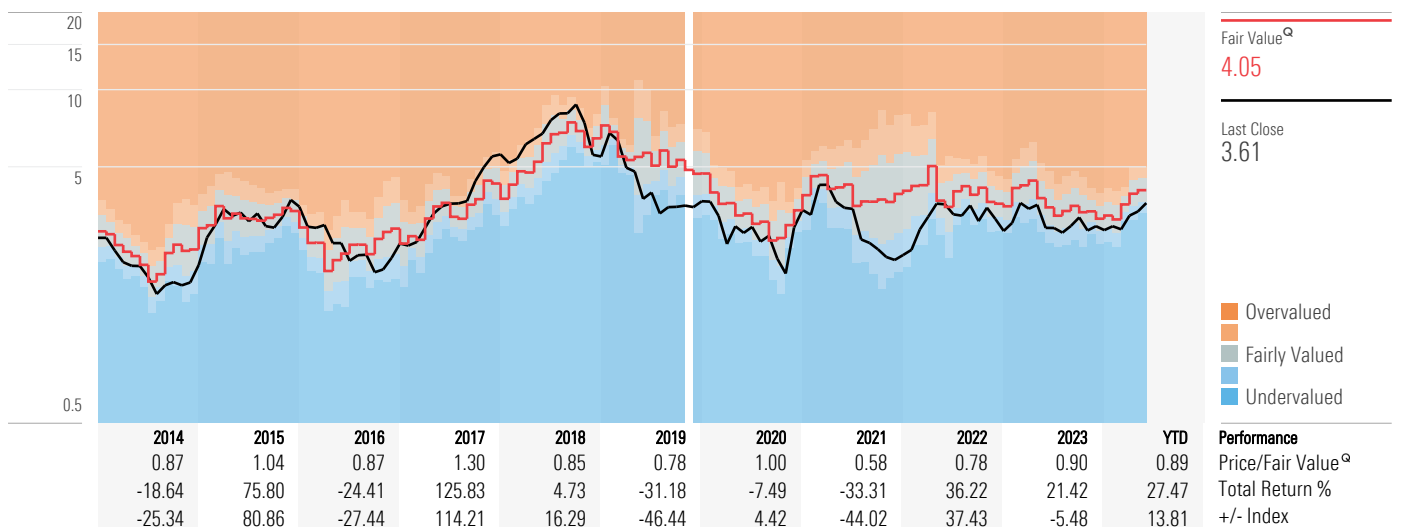


ENCE Energia y Celulosa SA ENC ★★★★★ Q 14 May 2024, 22:37 UTC

Economic Moat ^Q	Uncertainty ^Q	Price/Fair Value ^Q	ESG Risk Rating Assessment ¹	Trailing Dividend Yield %	Market Cap	Investment Style	Sector	Industry
None	High	0.9		8.03	855.0162 Mil	Small Core	Basic Materials	Paper & Paper Products



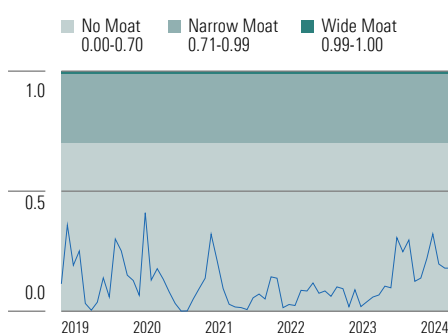
¹The ESG Risk Rating Assessment is a representation of Sustainalytics' ESG Risk Rating. Lee Davidson, Chief Analytics Officer for Morningstar, Inc, oversees the methodology that supports Quantitative Fair Value Estimates and Quantitative Star Ratings. Mr. Davidson is guided by the Morningstar, Inc. Code of Ethics in carrying out his responsibilities. For information regarding Conflicts of Interests, visit <http://global.morningstar.com/equitydisclosures>.

Key Metrics as of 10 May 2024

Metrics		Percentile in Sector
Earnings Yield (%)	-5.8	45.0
Sales Yield (%)	86.6	72.0
Book Value Yield (%)	64.9	47.0
Return on Assets (%)*	-2.7	50.0
Revenue(Mil)*	804.2	77.0
Market Value (Mil)	903.1	76.0
Enterprise Value (Bil)	1.3	78.0
EV/MV Ratio	1.4	84.0
Volatility TTM (%)	20.8	13.0
Drawdown TTM (%)	15.6	11.0
Volume (K)	674.5	70.0

*31 Mar 2024

Economic Moat^Q History as of 14 May 2024



Business Description

ENCE Energia y Celulosa SA produces and sells pulp. The company has two segments namely ENCE Pulp and ENCE Renewables. ENCE Pulp segment includes the pulp production and sale activities. ENCE Renewables segment involves Biomass, Biogas, Energy services and generation and sale of carbon credits. The vast majority of revenue comes from Pulp Segment.

Valuation^Q as of 14 May 2024

ENCE Energia y Celulosa achieves a 4-star quantitative star rating based on Morningstar's equity model. This reflects the company's valuation and uncertainty scores under this assessment system. The Quantitative Fair Value estimate is 3.96, above the previous closing price of 3.52. The stock has been trading between a 23.44% and 7.62% discount to its quantitative fair value over the past year. The stock's current valuation rating sits at the 72nd percentile in the coverage universe and 83rd percentile in the basic materials sector (higher percentile indicates more undervalued).

The quantitative uncertainty rating for ENCE Energia y Celulosa is High.

Our quantitative star rating last differed from the current rating on 04/08/2024; the uncertainty rating last differed on 04/17/2024. The previous ratings were 3 and Medium, respectively.

The main drivers of the company's valuation and uncertainty are its EV-MV ratio and volatility. The enterprise value-to-market value ratio of 1.41 falls at the 75th percentile in the equity universe and the 83rd percentile in its sector. The annualized trailing 12-month volatility of 20.80% corresponds to the 23rd percentile overall and the 13th percentile in the industry.

Economic Moat^Q as of 14 May 2024

With a Morningstar quantitative moat rating of None, the quantitative moat score for ENCE Energia y Celulosa falls at the 24th percentile in the basic materials sector and at the 21st in the equity coverage universe. The company has maintained its None quantitative moat rating for the last year.

We also assign a Moderate quantitative financial health rating to ENCE Energia y Celulosa. The company's raw score on this metric, termed Distance to Default, ranks at the 52nd percentile overall and 67th in the basic materials sector. Furthermore, this financial health rating has stayed Moderate over the last year.

Supporting these ratings are the company's book value yield and enterprise value-to-market value ratio. The book value yield of 63.73%, ranks at the 54th percentile in the covered equity universe and at the 46th percentile among its peers. Meanwhile, its enterprise value-to-market value ratio of 1.41, falls at the 75th percentile in the universe and the 83rd percentile in the basic materials sector.

Fundamentals as of 14 May 2024


The earnings per share for ENCE Energia y Celulosa is -0.2. The company earns a return on invested capital of -1.56%, falling at the 54th percentile in the basic materials sector. The firm maintains a dividend yield of 8.66%. We calculate the above figures over a trailing 12-month period.

Contact

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<https://www.ence.es>

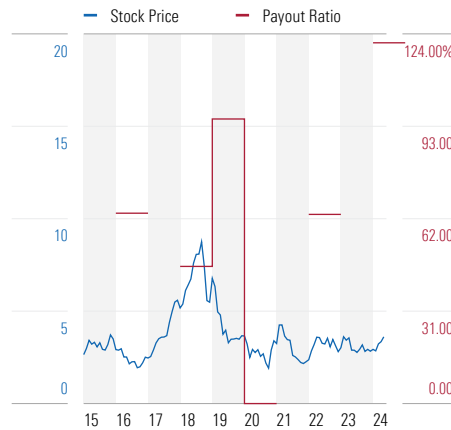
ENCE Energia y Celulosa SA ENC ★★★★★ 14 May 2024, 22:37 UTC

Economic Moat ^Q	Uncertainty ^Q	Price/Fair Value ^Q	ESG Risk Rating Assessment ¹	Trailing Dividend Yield %	Market Cap	Investment Style	Sector	Industry
None	High	0.9	 1 May 2024 05:00, UTC	8.03	855.0162 Mil	Small Core	Basic Materials	Paper & Paper Products

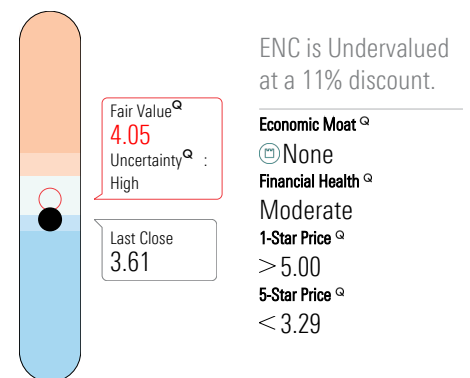
Earnings as of 10 May 2024

Earnings	%	Percentile in Sector
Dividend Yield*	8.7	93.0
Payout Ratio*	—	—
Price to Earnings	—	—
Price to Cash Flow	—	—
ROIC**	-1.6	54.0
*30 Apr 2024		
**31 Mar 2024		

Dividends as of 14 May 2024



Valuation^Q as of 14 May 2024



Financials as of 14 May 2024 (Fiscal Year End 31 Dec 2024)

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	Fiscal
688	664	605	740	832	735	708	820	1,003	830	214	Revenue (Mil)
-41.47	137.59	63.34	142.23	212.25	68.18	-21.03	95.74	179.13	-3.43	14.10	Operating Income (Mil)
-6.03	20.72	10.46	19.21	25.51	9.27	-2.97	11.68	17.85	-0.41	6.6	Operating Margin (%)
-140.91	49.86	38.48	91.79	129.13	9.21	-26.43	-190.41	247.22	-24.72	7.90	Net Income (Mil)
-0.56	0.20	0.15	0.37	0.48	0.04	-0.11	-0.78	0.95	-0.10	0.03	Diluted Earnings/Share
9.46	110.62	122.81	176.31	227.26	185.08	62.36	141.29	303.68	-46.13	-34.60	Operating Cash Flow (Mil)
-60	-59	-67	-52	-188	-292	-97	-71	-55	-96	-17	Capital Spending (Mil)
-50	51	55	124	39	-107	-35	70	249	-142	-52	Free Cash Flow (Mil)
250	250	250	245	263	266	264	262	261	242	263	Avg Shares Outstand(Mil)

Valuation as of 14 May 2024

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Current	Calendar
0.87	1.04	0.87	1.30	0.85	0.78	1.00	0.58	0.78	0.90	0.89	Price/Fair Value ^Q
0.62	1.31	1.03	1.95	1.63	1.14	1.22	0.71	0.67	0.81	1.21	Price/Sales
—	—	16.03	17.76	10.97	16.68	—	—	9.69	5.15	—	Price/Earnings
2.98	11.41	6.46	8.40	5.81	5.26	7.85	7.41	1.85	—	150.93	Price/Cash Flow
0.94	1.57	1.11	2.21	1.99	1.35	1.34	0.90	1.27	1.29	1.61	Price/Book

Operating Performance as of 14 May 2024 (Fiscal Year End 31 Dec 2024)

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Q3	Fiscal (%)
-11.2	4.22	3.17	7.24	8.53	0.53	-1.41	-10.62	14.57	-1.42	0.47	Return on Assets
-22.49	8.97	6.9	15.47	19.69	1.38	-3.86	-31.06	40.74	-4.0	1.46	Return on Equity
-12.99	7.1	5.43	10.58	12.02	1.45	-0.92	-15.13	27.06	-0.43	1.32	Rtn on Invested Capital

Dividends as of 14 May 2024

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Current	Calendar (%)
0.08	0.14	0.13	0.17	0.27	0.11	—	—	0.27	0.58	1.16	Dividend Per Share
3.86	1.26	5.26	—	5.01	5.72	—	—	9.75	—	8.03	Trailing Dividend Yield
—	—	1.47	—	—	3.11	0.14	—	—	—	0.59	Buyback Yield

Appendix

Economic Moat [®] History as of 14 May 2024 (No Moat: 0.00-0.70, Narrow Moat: 0.70-0.99, Wide Moat: 0.99-1.00)												
Year	January	February	March	April	May	June	July	August	September	October	November	December
2024	0.14	0.22	0.32	0.20	0.18	—	—	—	—	—	—	—
2023	0.02	0.09	0.02	0.04	0.06	0.07	0.10	0.10	0.31	0.25	0.30	0.12
2022	0.14	0.01	0.03	0.02	0.09	0.08	0.12	0.07	0.08	0.06	0.10	0.09
2021	0.14	0.32	0.21	0.09	0.03	0.02	0.02	0.01	0.06	0.07	0.05	0.14
2020	0.13	0.07	0.41	0.13	0.18	0.13	0.08	0.03	0.00	0.00	0.05	0.09
2019	0.11	0.36	0.19	0.25	0.03	0.00	0.04	0.14	0.06	0.30	0.25	0.15

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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 analyst-driven 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, Quantitative Uncertainty Rating, and momentum. The rating is expressed as One-Star, Two-Star, Three-Star, Four-Star, and Five-Star.

★ – the stock is overvalued with a reasonable margin of safety.

*Log (Quant FVE/Price) < -1*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) < -1.5*Quantitative Uncertainty*

★★ – the stock is somewhat overvalued.

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

*Micro-Caps: Log (Quant FVE/Price) between (-1.5*Quantitative Uncertainty, -0.75*Quantitative Uncertainty)*

★★★ – the stock is approximately fairly valued.

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

*Micro-Caps: Log (Quant FVE/Price) between (-0.75*Quantitative Uncertainty, 0.75*Quantitative Uncertainty)*

★★★★ – the stock is somewhat undervalued.

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

Uncertainty)

*Micro-Caps: Log (Quant FVE/Price) between (0.75*Quantitative Uncertainty, 1.5*Quantitative Uncertainty)*

★★★★★ – the stock is undervalued with a reasonable margin of safety.

*Log (Quant FVE/Price) > 1*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) > 1.5*Quantitative Uncertainty*

After the initial calculation for the star rating, there is a final filtering step based on the momentum of the company. We rank the companies based on their 12-1 month momentum, then restrict those below the 30th percentile to a maximum of 3 stars.

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%

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

Moderate – assigned when Quantitative Financial Health is between 0.2 and 0.7

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.

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

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

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

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Sustainalytics analyzes over 1,300 data points to assess a company's exposure to and management of ESG risks. In other words, ESG Risk Ratings measures a company's unmanaged ESG Risks represented as a quantitative score. Unmanaged Risk is measured on an open-ended scale starting at zero (no risk) with lower scores representing less unmanaged risk and, for 95% of cases, the unmanaged ESG Risk score is below 50.

Based on their quantitative scores, companies are grouped into one of five Risk Categories (negligible, low, medium, high, severe). These risk categories are absolute, meaning that a 'high risk' assessment reflects a comparable degree

of unmanaged ESG risk across all subindustries covered.

The ESG Risk Rating Assessment is a visual representation of Sustainalytics ESG Risk Categories on a 1 to 5 scale. Companies with Negligible Risk = 5 Globes, Low Risk = 4, Medium Risk = 3 Globes, High Risk = 2 Globes, Severe Risk = 1 Globe. For more information, please visit sustainalytics.com/esg-ratings/

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