

Elenia Verkko Oyj

Elenia Verkko Oyj's rating reflects its solid business profile as Finland's second-largest distribution system operator (DSO), operating under a mature, transparent and predictable regulatory framework. The profile is underpinned by stable, cash-generative operations, favourable Finnish tax rules and moderate capex supporting positive pre-dividend free cash flow (FCF).

The rating is constrained by high leverage, with funds from operations (FFO) net leverage at 8.8x over 2026-2028, implying limited headroom at the 'BBB-' level. The Stable Outlook factors in shareholders' flexibility to adjust dividends. The senior secured debt benefits from a whole-business securitisation structure, which Fitch Ratings reflects in a one-notch uplift from the Issuer Default Rating (IDR), while Fitch does not apply the generic sector uplift granted for regulated businesses, due to the very high net debt/regulator asset base (RAB) ratio.

Key Rating Drivers

Solid Business Profile: Elenia is Finland's second-largest DSO with a market share of about 12% by customers and 18% by network length and EBITDA of EUR222 million in 2025. It operates as a regional monopoly over a large area across central Finland, with 99% of revenue generated by distribution. Elenia benefits from a high-quality asset base and has consistently reported operational outperformance, which has enabled it to earn monetary incentives in the past. Elenia is small compared with peers in our rated portfolio and lacks geographic or regulatory diversification.

Counterparty risk is higher than peers' due to direct customer billing, but this is largely mitigated by Elenia's highly fragmented customer base, its ability to discontinue electricity supply in case of collection delays, and a supportive regulatory framework that removes volume and price risks.

Strong Regulatory Framework: Finland's regulatory framework for electricity DSOs is transparent and predictable, based on a revenue building-block model with flexibility to set tariffs within an 8% annual cap increase per year. It is also supported by a surplus/deficit carry-over mechanism between actual and allowed revenue.

Incentives can be related to efficiency, quality, investment, innovation/flexibility and provide additional earnings potential. Elenia's much larger scale than the average Finnish DSO means it tends to benchmark favourably against peers and capture more incentive income. Annual incentives provide additional earnings potential, but we expect them to be lower than in 2020-2023, based on more conservative assumptions.

Leverage Constrains Rating: We forecast FFO net leverage to average 8.8x over 2026-2028, consistent with the 'BBB-' level although with limited headroom. Management targets a maximum 8.75x reported net debt/EBITDA, equivalent to 8.8x-9.0x FFO net leverage, in line with our negative sensitivity. This leaves no margin at the current rating for a more aggressive financial policy.

Cash Flow-Generative Profile: Regulated activities with margins above 60% and incentive opportunities underpin Elenia's stable cash generation. Finnish tax rules also allow favourable depreciation deductions on capital investment, reducing the taxable base and supporting cash generation. Pre-dividend FCF is positive and averages EUR14 million over 2026-2028 in our forecasts, supporting Elenia's deleveraging capacity. However, given a dividend payout above 150% in our forecasts, we expect negative FCF and a gradual rise of net debt to EUR2.2 billion in 2028 from EUR2.0 billion in 2025.

Increasing, but Moderate, Capex Needs: Investments are moderate relative to peers' (42% of revenue in 2026-2028), with a ramp-up expected from 2028 to meet security-of-supply targets by 2036. Elenia plans EUR2.4 billion capex between 2024 and 2036 under its network development plan. The company is primarily focused on undergrounding cables to improve resilience against severe weather, targeting 90% of the network underground by 2036, up from 66.4% at end-2025, and complementary reliability investments (e.g. battery packs commissioned in 2025, smart meters and capacity investments driven by the expected increase in electricity consumption).

Recent Regulatory Challenges: Recent regulatory changes – including freezing the regulatory asset base (RAB) at 2022 construction costs and other adjustments – have been appealed by Elenia and its peers. An unfavourable Market Court ruling in November 2025 was made on the main appeal, which has been appealed to the Supreme Administrative Court, and a separate case remains pending about mid-period methods (decision expected in mid-2026). We continue to view the regulatory framework as robust but have reassessed the mid-point for this factor to 'a-' from 'a' in 2024. Our forecasts do not include material regulatory changes.

Secured Debt Structure: Elenia's financing is supported by a whole business securitisation structure with comprehensive security package including pledge on shares, bank accounts and business mortgages. It also includes a back-up facility, limitation on additional indebtedness and restricted payments framework with lock-up and a two-tier covenant structure. We grant the senior secured rating a one-notch uplift from the IDR under our Corporates Recovery Ratings and Instrument Ratings Criteria based on the securitisation enhancements.

No Sector-Uplift on Instrument rating: Elenia's reported net debt/ RAB is materially higher than the average of European DSOs and more similar to some Finnish peers' at more than 100%. We therefore do not apply the typical one-notch sector uplift for above average recovery prospects for regulated networks operating in robust regulatory frameworks. We have not included the RAB ratio in the rating sensitivities because we do not regard it as fully comparable with other jurisdictions.

Rating Sensitivities

Factors that Could, Individually or Collectively, Lead to Negative Rating Action/Downgrade

- FFO net leverage above 9.0x on a sustained basis
- FFO interest coverage below 3.5x

Factors that Could, Individually or Collectively, Lead to Positive Rating Action/Upgrade

- FFO net leverage below 8.0x on a sustained basis
- FFO interest coverage above 4.5x

Issuer Profile

Elenia has operations in more than 100 cities and municipalities across central Finland, from Southern Häme to Northern Ostrobothnia.

Financial Summary

(EURm)	2023	2024	2025	2026F	2027F	2028F
EBITDA	213.0	233.2	222.1	239.5	238.7	251.2
EBITDA margin (%)	67.3	68.7	64.5	66.7	66.1	66.2
FCF	-111.5	-34.9	-95.3	—	—	—
FFO net leverage (x)	8.8	8.2	9.0	8.5	8.9	8.9
FFO interest coverage (x)	4.6	4.5	4.3	3.5	3.5	3.4

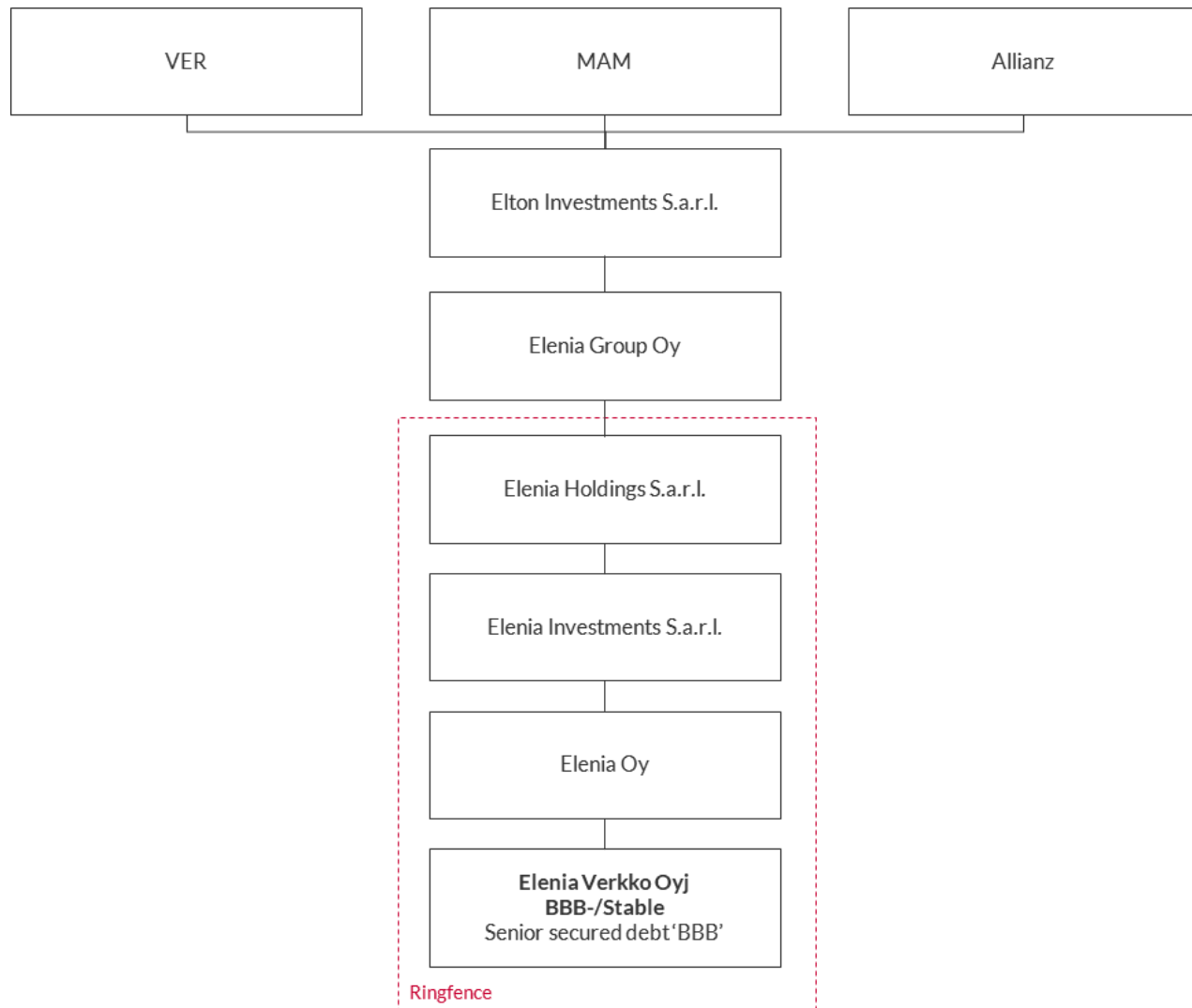
Source: Fitch Ratings, Fitch Solutions

Corporate Rating Tool Inputs and Scores

Fitch scored the issuer as follows, using our Corporate Rating Tool (CRT) to produce the SCP:

- Business and financial profile factors (assessment, relative importance): management (bbb-, lower), sector characteristics (a-, higher), market and competitive positioning (bbb+, moderate), diversification and asset quality (bbb, moderate), company operational characteristics (bbb+, moderate), profitability (bbb, moderate), financial structure (b-, moderate), and financial flexibility (bbb+, moderate).
- The quantitative financial subfactors are based on standard CRT financial period parameters: 20% weight for the latest historical year 2024, 40% for the forecast year 2025 and 40% for the forecast year 2026.
- The governance assessment of 'good' results in no adjustment.
- the operating environment assessment of 'aa-' results in no adjustment.
- The SCP is 'bbb-'.

Simplified Group Structure Diagram



Source: Fitch Ratings, Fitch Solutions, Elenia, as of April 2026

Ratings Navigator

EMEA Regulated Network Utilities

	Business Profile					Financial Profile			Standalone Credit Profile	Foreign Currency LT Issuer Default Rating
	Management	Sector Characteristics	Market and Competitive Positioning	Diversification and Asset Quality	Company Operational Characteristics	Profitability	Financial Structure	Financial Flexibility		
aaa									aaa	AAA
aa+									aa+	AA+
aa									aa	AA
aa-									aa-	AA-
a+									a+	A+
a									a	A
a-									a-	A-
bbb+									bbb+	BBB+
bbb									bbb	BBB
bbb-									bbb-	BBB- Sta
bb+									bb+	BB+
bb									bb	BB
bb-									bb-	BB-
b+									b+	B+
b									b	B
b-									b-	B-
ccc+									ccc+	CCC+
ccc									ccc	CCC
ccc-									ccc-	CCC-
cc									cc	CC
c									c	C
d or rd									d or rd	D or RD

Factor Outlook
 Stable
 Evolving
 Positive
 Negative

Relative Importance
 Lower
 Moderate
 Higher

Additional Adjustments to the Standalone Credit Profile

	Assessment	Impact
Weakest link considerations	Not applied	0
Additional sector considerations	Not applied	0
B+ to CC considerations	Not applied	0
Governance	Good	0
Operating environment	aa-	0
Other risk elements	Not applied	0
Calibration	Not applied	0
Standalone Credit Profile		bbb-
Country Ceiling considerations	Not applied	0

Factor/Subfactor	Score/Outlook/Importance	Description
Management	bbb-/stable/lower	
Risk tolerance	bb/moderate	Management has a more fluid approach to risk appetite.
Management strategy	bbb/moderate	Good track record of implementing coherent and stable strategy.
Management quality	bbb/moderate	Experienced management or proven track record. Management composition is broadly stable. No evidence of material risk management weaknesses.

Factor/Subfactor	Score/Outlook/Importance	Description
Sector characteristics	a-/stable/higher	
Regulatory risk	a/moderate	Transparent frameworks with strong track record and multi-year predictable tariffs set by independent regulators; little political risk.
Licensing, ring-fencing, concessioning	bbb/moderate	Less demanding licensing and ring-fencing provisions; moderate concession renewal risk.
Cost and investment recovery	a/moderate	Tariff setting with challenge mechanisms that may marginally limit cost and investment recovery, with little regulatory lag.
Volume and price risk	a/moderate	High insulation from price and volume risk, little revenue under-recovery.

Factor/Subfactor	Score/Outlook/Importance	Description
Market and competitive positioning	bbb+/stable/moderate	
Market positioning	bbb/moderate	Local or regional monopoly asset owners, regional monopoly asset operators.
Non-regulated earnings (%)	a/moderate	up to 10%

Factor/Subfactor	Score/Outlook/Importance	Description
Diversification and asset quality	bbb/stable/moderate	
Asset diversification	bbb-/higher	Limited diversification by geography without regulatory diversification; regional utility.
Critical mass	a-/moderate	Critical mass in one regulated asset; does not affect efficiency of operations (cost base, customer base, key personnel).
Asset quality	a-/moderate	High asset quality likely to benefit opex and capex requirements compared with peers.
Residual life	a-/moderate	The residual life of regulatory assets is longer than average.

Factor/Subfactor	Score/Outlook/Importance	Description
Company operational characteristics	bbb+/stable/moderate	
Performance measures	a/moderate	Key performance measures in line with or above sector average and/or regulatory target.
Counterparty risk	bbb/moderate	Medium counterparty risk; medium collection rates for suppliers. Some exposure to cyclical industries and/or customers.

Factor/Subfactor	Score/Outlook/Importance	Description
Profitability	bbb/stable/moderate	
Return on capital	bbb/moderate	Return on capital comparable with the regulatory benchmark.
Volatility of profitability	a/moderate	Higher stability and predictability of profit than utility peers.
Investment cycle	bbb-/moderate	Investment cycle position and dividend policy contributing to negative free cash flow. Moderate flexibility in smoothing capex plans.

Factor/Subfactor	Score/Outlook/Importance	Description
Financial structure	b-/stable/moderate	
FFO leverage (x)	b-/moderate	8.0
FFO net leverage (x)	b-/higher	7.5
Adjusted net debt/asset base (or regulated asset base) (%)	ccc/lower	A step-change to either debt structure or regulatory asset values has created a leverage structure that is unsustainable in the near term.
Cash PMICR (x)	n.a./n.a	Subfactor not relevant to the issuer.
Nominal PMICR (x)	n.a./n.a	Subfactor not relevant to the issuer.

Factor/Subfactor	Score/Outlook/Importance	Description
Financial flexibility	bbb+/stable/moderate	
Financial access	bbb/higher	Unequivocal access through the cycle to: Local financial markets with FMD of 'bbb', or International financial markets with (primarily) FMD of 'bbb'. If the issuer is an infrequent/ untested issuer, the issuer must be very likely to be able to freely access these markets through the cycle.
Liquidity	a/moderate	No need for external funding beyond committed facilities in the next 12 months even under a severe stress scenario. Well-spread maturities. Diversified funding.
FFO interest coverage (x)	a/moderate	4.5
FX exposure	aa/lower	No material FX mismatch.
Dividend coverage (x)	n.a./n.a	Subfactor not relevant to the issuer.

Factor/Subfactor	Score/Outlook/Importance	Description
Governance	Good/—/—	
Ownership and decision-making concentration	Good/moderate	No concentration in ownership and/or decision-making. Presence of effective checks and balances. Key person risk is immaterial. Decision-making is defensible from a governance perspective.
Group structure transparency and contagion risk	Good/moderate	Transparent group structure. No contagion risks.
Information quality/transparency	Good/moderate	Timely and good provision of financial and operational information, facilitating the analysis of the credit profile.

Fitch's Key Rating-Case Assumptions

- Pre-tax weighted average cost of capital at 6.9%-7.8% over 2026-2028
- Achievement of maximum regulatory allowed profits on a cumulative basis over 2026-2028
- Average yearly capex of EUR155 million
- Average dividend distributions of EUR87 million for 2026-2028 while maintaining a flexible dividend policy
- Cost of new debt at 4.5%

Liquidity and Debt Structure

As of December-2025, Elenia had EUR289 million available cash. It also had access to committed credit lines totalling about EUR370 million. This includes EUR250 million of capex facility, EUR50 million for working capital and a EUR70 million liquidity facility. In October 2025, the company issued a EUR500 million bond and used half of the proceeds to partly repay a bond of similar amount due in February 2027. Available liquidity is enough to cover negative FCF and debt maturities until end-2027.

Liquidity and Debt Maturities

Liquidity Analysis

(EURm)	2026F	2027F	2028F
Available liquidity			
Beginning cash balance	289	130	-200
Rating case FCF after acquisitions and divestitures	-18	-80	-118
Total available liquidity (A)	270	50	-318
Liquidity uses			
Debt maturities	-140	-250	-129
Total liquidity uses (B)	-140	—	—
Liquidity calculation			
Ending cash balance (A+B)	130	-200	-447
Revolver availability	370	370	370
Ending liquidity	500	170	-77
Liquidity score (x)	4.6	1.7	0.4

Source: Fitch Ratings, Fitch Solutions, Elenia Verkkö Oyj

Scheduled Debt Maturities

(EURm)	31 Dec 25
2026	140
2027	250
2028	129
2029	81
Thereafter	1,678
Total	2,278

Source: Fitch Ratings, Fitch Solutions, Elenia Verkko Oyj

Financial Data

(EURm)	2023	2024	2025	2026F	2027F	2028F
Summary income statement						
Gross revenue	317	340	345	359	361	379
Revenue growth (%)	2.6	7.3	1.4	4.2	0.5	5.0
EBITDA before income from associates	213	233	222	240	239	251
EBITDA margin (%)	67.3	68.7	64.5	66.7	66.1	66.2
EBITDA after associates and minorities	213	233	222	240	239	251
EBIT	120	136	120	159	155	163
EBIT margin (%)	38.0	39.9	34.8	44.3	42.9	43.1
Gross interest expense	-46	-49	-51	-67	-68	-74
Pretax income including associate income/loss	74	85	74	92	87	90
Summary balance sheet						
Readily available cash and equivalents	60	43	289	129	20	20
Debt	1,934	1,935	2,278	2,145	2,118	2,239
Net debt	1,874	1,892	1,989	2,016	2,098	2,218
Summary cash flow statement						
EBITDA	213	233	222	240	239	251
Cash interest paid	-46	-52	-51	-67	-68	-74
Cash tax	0	-3	-3	-3	-3	-3
Dividends received less dividends paid to minorities (inflow/outflow)	—	—	—	—	—	—
Other items before FFO	0	-0	0	—	—	—
FFO	170	181	172	170	168	175
FFO margin (%)	53.6	53.3	49.9	47.4	46.7	46.1
Change in working capital	-7	14	5	-2	-2	-2
CFO (Fitch-defined)	162	195	177	168	166	173
Total non-operating/nonrecurring cash flow	—	—	—	—	—	—
Capex	-140	-130	-130	—	—	—
Capital intensity (capex/revenue) (%)	44.1	38.3	37.7	—	—	—
Common dividends	-134	-100	-142	—	—	—
FCF	-112	-35	-95	—	—	—
FCF margin (%)	-35.2	-10.3	-27.7	—	—	—
Net acquisitions and divestitures	—	—	—	—	—	—
Other investing and financing cash flow items	21	17	-25	—	—	—
Net debt proceeds	100	—	347	-140	-27	121
Net equity proceeds	—	—	19	—	—	—
Total change in cash	9	-17	246	-160	-109	1
Calculations for forecast publication						
Capex, dividends, acquisitions and other items before FCF	-274	-230	-272	-187	-246	-291
FCF after acquisitions and divestitures	-112	-35	-95	-18	-80	-118
FCF margin after net acquisitions (%)	-35.2	-10.3	-27.7	-5.1	-22.1	-31.2
Gross leverage ratios (x)						
EBITDA leverage	9.1	8.3	10.3	9.0	8.9	8.9

(EURm)	2023	2024	2025	2026F	2027F	2028F
(CFO-capex)/debt (%)	1.2	3.4	2.1	2.1	0.6	-0.6
Net leverage ratios (x)						
EBITDA net leverage	8.8	8.1	9.0	8.4	8.8	8.8
(CFO-capex)/net debt (%)	1.2	3.4	2.4	2.2	0.6	-0.6
Coverage ratios (x)						
EBITDA interest coverage	4.6	4.5	4.3	3.6	3.5	3.4
CFO – Cash flow from operations						
Source: Fitch Ratings, Fitch Solutions						

How to Interpret the Forecast Presented

The forecast presented above is based on Fitch Ratings' internally produced, conservative rating case forecast. It does not represent the forecast of the rated issuer. The forecast set out above is only one component used by Fitch Ratings to assign a rating or determine a rating outlook, and the information in the forecast reflects material but not exhaustive elements of Fitch Ratings' rating assumptions for the issuer's financial performance. As such, it cannot be used to establish a rating, and it should not be relied on for that purpose. Fitch Ratings' forecasts are constructed using a proprietary internal forecasting tool, which employs Fitch Ratings' own assumptions on operating and financial performance that may not reflect the assumptions that you would make. Fitch Ratings' own definitions of financial terms such as EBITDA, debt or free cash flow may differ from your own such definitions. Fitch Ratings may be granted access, from time to time, to confidential information on certain elements of the issuer's forward planning. Certain elements of such information may be omitted from this forecast, even where they are included in Fitch Ratings' own internal deliberations, where Fitch Ratings, at its sole discretion, considers the data may be potentially sensitive in a commercial, legal or regulatory context. The forecast (as with the entirety of this report) is produced strictly subject to the disclaimers set out at the end of this report. Fitch Ratings may update the forecast in future reports but assumes no responsibility to do so. Original financial statement data for historical periods is processed by Fitch Solutions on behalf of Fitch Ratings. Key financial adjustments and all financial forecasts credited to Fitch Ratings are generated by rating agency staff.

Fitch Adjusted Financials

(EURm as of 31 Dec 25)	Notes and formulas	Standardised values	Lease treatment	Other adjustments	Adjusted values
Income statement summary					
Revenue		345	—	—	345
EBITDA	(a)	222	-0	0	222
Depreciation and amortization		-103	0	-0	-102
EBIT		120	-0	0	120
Balance sheet summary					
Debt	(b)	2,278	—	—	2,278
Of which other off-balance-sheet debt		—	—	—	—
Lease-equivalent debt		—	—	—	—
Lease-adjusted debt		2,278	—	—	2,278
Readily available cash and equivalents	(c)	289	—	—	289
Not readily available cash and equivalents		—	—	—	—
Cash flow summary					
EBITDA	(a)	222	-0	0	222
Dividends received from associates less dividends paid to minorities	(d)	—	—	—	—
Interest paid	(e)	-51	—	—	-51
Interest received	(f)	4	—	—	4
Preferred dividends paid	(g)	—	—	—	—
Cash tax paid		-3	—	—	-3
Other items before FFO		0	0	0	0
FFO	(h)	172	-0	0	172
Change in working capital		5	—	—	5
CFO	(i)	177	-0	0	177
Non-operating/nonrecurring cash flow		—	—	—	—
Capex	(j)	-130	—	—	-130
Common dividends paid		-142	—	—	-142
FCF		-95	-0	-0	-95
Gross leverage (x)					
EBITDA leverage	b/(a+d)	10.2	—	—	10.3
(CFO-capex)/debt (%)	(i+j)/b	2.1	—	—	2.1
Net leverage (x)					
EBITDA net leverage	(b-c)/(a+d)	8.9	—	—	9.0
(CFO-capex)/net debt (%)	(i+j)/(b-c)	2.4	—	—	2.4
Coverage (x)					
EBITDA interest coverage	(a+d)/(-e)	4.3	—	—	4.3

CFO – Cash flow from operations

Note: The standardised items presented above are based on Fitch's taxonomy for the given sector and region.

Reported items may not match the Fitch taxonomy, but they are captured into corresponding lines accordingly.

Debt includes other off-balance-sheet debt.

Debt in the standardised values column excludes lease liabilities of EURO.334 million.

Source: Fitch Ratings, Fitch Solutions, Elenia Verkko Oyj

Peer Analysis

Fingrid Oyj (A/Stable) is Finland's national transmission system operator (TSO). The TSO and DSO frameworks share key features. However, Fingrid's sector position is stronger given its national mandate, larger asset base and EBITDA, and lower counterparty risk. The rating differential versus Elenia is driven by Fingrid's stronger business risk profile and, above all, its more conservative financial policy.

Enexis Holding N.V. (AA-/Stable; Standalone Credit Profile, or SCP, of 'bbb+') is one of the largest DSOs in the Netherlands, operating both electricity and, to a lesser extent, gas networks. The Dutch framework is supportive albeit slightly weaker than Finland's. Enexis has a larger scale than Elenia. We view debt capacity for both as broadly similar, but Enexis maintains a stronger financial profile. Enexis' IDR benefits from a four-notch uplift above its SCP under Fitch's Government-Related Entities Rating Criteria.

Italgas S.p.A. (BBB+/Stable) is Italy's leading gas DSO, significantly larger than Elenia. Both Italy and Finland have mature regulatory regimes with strong transparency records. Italgas benefits from greater scale, but gas distribution carries a higher business risk than electricity distribution, in our view, due to long-term energy transition trends. Debt capacity is similar for Italgas and Elenia, with the former's higher rating primarily reflecting its lower leverage.

E.ON SE (BBB+/Stable) has materially larger scale than Elenia and broader geographic and business diversification. Germany's regulatory framework is robust, though less mature than Finland's. E.ON's debt capacity is constrained by exposure to energy retail and energy infrastructure solutions. E.ON's higher rating reflects a stronger financial profile.

Peer Financial Summary

Company	Issuer Default Rating	Financial statement date	EBITDA (EURm)	EBITDA margin (%)	FCF margin (%)	FFO net leverage (x)	FFO interest coverage (x)
Elenia Verkko Oyj	BBB-	2025	222	64.5	-27.7	9.0	4.3
		2024	233	68.7	-10.3	8.2	4.5
		2023	213	67.3	-35.2	8.8	4.6
Italgas S.p.A.	BBB+	2024	1,280	73.6	-11.8	5.7	10.5
		2023	1,178	64.8	-12.8	5.9	11.7
		2022	1,077	69.2	-24.4	6.8	16.3
E.ON SE	BBB+	2025	8,492	10.8	-3.9	4.2	6.5
		2024	8,295	10.4	-4.2	4.5	6.4
		2023	8,273	8.8	-2.5	3.0	8.4
Czech Gas Networks Investments S.a r.l.	BBB+	2024	414	57.1	1.6	5.6	7.0
		2023	308	57.9	-18.7	7.9	4.7
		2022	381	65.7	15.3	6.3	6.0
Enexis Holding N.V.	AA-	2025	1,102	37.2	-34.1	4.0	18.3
		2024	823	50.1	-38.7	3.2	22.3
		2023	526	43.7	-61.5	3.8	20.7
Fingrid Oyj	A	2024	364	28.7	-39.4	4.4	6.9
		2023	305	25.6	-18.0	2.8	8.8
		2022	395	21.8	32.6	3.1	12.8

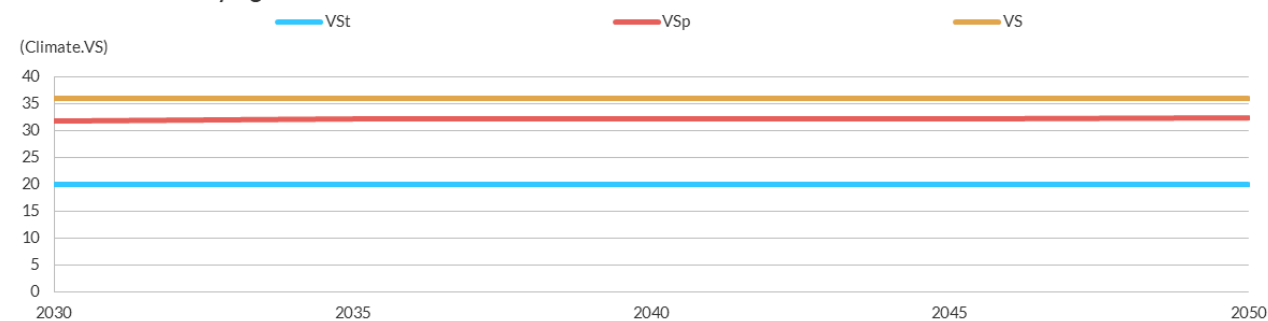
Source: Fitch Ratings, Fitch Solutions

Climate Vulnerability Considerations

Fitch uses Climate Vulnerability Signals (Climate.VS) as a screening tool to identify sectors and Fitch-rated issuers that are potentially most exposed to climate-related risks. If Fitch identifies an entity as higher risk (i.e. its Climate.VS in 2035 is 50 or higher), the entity receives additional analysis and consideration in rating reviews. Climate.VS range from 0 (lowest risk) to 100 (highest risk). For more information on Climate.VS, see Fitch's [Corporate Rating Criteria](#). For more detailed, sector-specific information on how Fitch perceives climate-related transition risks, see [Climate Vulnerability Signals for Non-Financial Corporate Sectors](#).

The Climate.VS for 2035 is 36 out of 100. This reflects a VSp of 32 and a VSt of 20. The results of our Climate VS screener did not indicate an elevated risk for Elenia Verkko Oyj.

Climate Vulnerability Signals



Source: Fitch Ratings

ESG Considerations

The highest level of ESG credit relevance is a score of '3', unless otherwise disclosed in this section. A score of '3' means ESG issues are credit-neutral or have only a minimal credit impact on the entity, either due to their nature or the way in which they are being managed by the entity. Fitch's ESG Relevance Scores are not inputs in the rating process; they are an observation on the relevance and materiality of ESG factors in the rating decision. For more information on Fitch's ESG Relevance Scores, visit <https://www.fitchratings.com/topics/esg/products#esg-relevance-scores>.



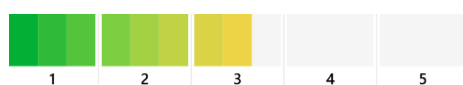
Environmental Relevance Scores

General issues	Score	Sector-specific issues	Reference
GHG Emissions & Air Quality	3	Emissions from operations	Profitability
Energy Management	3	Energy and fuel use in operations; entities' financial targets for losses/shrinkage	Profitability
Water & Wastewater Management	3	Water usage in operations; water utilities' financial targets for water quality, leakage and usage	Company Operational Characteristics; Profitability; Financial Structure; Financial Flexibility
Waste & Hazardous Materials Management; Ecological Impacts	3	Impact of waste including pollution incidents; discharge compliance; sludge disposal	Company Operational Characteristics; Profitability; Financial Flexibility
Exposure to Environmental Impacts	3	Exposure to extreme weather events - negative (e.g. risk of drought and flooding) or positive (e.g. additional return on capex for network weather-resilience)	Company Operational Characteristics; Profitability; Financial Flexibility



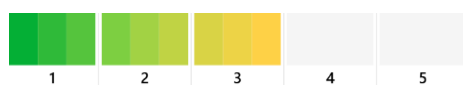
Social Relevance Scores

General issues	Score	Sector-specific issues	Reference
Human Rights, Community Relations, Access & Affordability	3	Product affordability and access	Profitability; Sector Characteristics
Customer Welfare - Fair Messaging, Privacy & Data Security	3	Quality and safety of products and services; data security	Profitability
Labor Relations & Practices	3	Impact of labor negotiations and employee (dis)satisfaction	Profitability; Financial Structure; Financial Flexibility
Employee Wellbeing	2	Worker safety and accident prevention	Financial Structure; Financial Flexibility
Exposure to Social Impacts	3	Social resistance to major projects that leads to delays and cost increases	Company Operational Characteristics; Profitability



Governance Relevance Scores

General issues	Score	Sector-specific issues	Reference
Management Strategy	3	Strategy development and implementation	Management; Governance
Governance Structure	3	Board independence and effectiveness; ownership concentration	Governance
Group Structure	3	Complexity, transparency and related-party transactions	Governance
Financial Transparency	3	Quality and timing of financial disclosure	Governance



ESG Scoring






ESG relevance scores range from '1' to '5' based on a 15-level colour gradation. Red (5) is most relevant to the credit rating and green (1) is least relevant.

The Environmental (E), Social (S) and Governance (G) tables break out the general and the sector-specific issues that are most relevant to each industry group. Relevance scores are assigned to each sector-specific issue, signalling the credit relevance of the sector-specific issues to an issuer's overall credit rating. The Reference column highlights the factor(s) within which the corresponding ESG issues are captured in Fitch's credit analysis.

The panels underneath the relevance scores tables are visualisations of the frequency of occurrence of the highest ESG relevance scores across the combined E, S and G categories. The Score columns summarise rating relevance and impact to credit from ESG issues. The column on the far left identifies any ESG relevance sub-factor issues that are drivers or potential drivers of an issuer's credit rating (corresponding with scores of '3', '4' or '5'). All scores of '4' and '5' are assumed to reflect a negative impact unless indicated with a '+' sign for positive impact.

Classification of ESG issues has been developed from Fitch's sector ratings criteria. The general and sector-specific issues draw on the classification standards published by the UN Principles for Responsible Investing, the Sustainability Accounting Standards Board and the World Bank.

Credit-Relevant ESG Scale

	5	Highly relevant, a key rating driver that has a significant impact on the rating on an individual basis. Equivalent to 'Higher' relative importance within the Navigator.
	4	Relevant to rating, not a key rating driver but has an impact on the rating in combination with other factors. Equivalent to 'Moderate' relative importance within the Navigator.
	3	Minimally relevant to rating, either very low impact or actively managed in a way that results in no impact on the entity rating. Equivalent to 'Lower' relative importance within the Navigator.
	2	Irrelevant to the entity rating but relevant to the sector.
	1	Irrelevant to the entity rating and irrelevant to the sector.

Ratings

Long-Term IDR	BBB-
Senior Secured Debt - Long-Term Rating	BBB
Outlook	
Long-Term Foreign-Currency IDR	Stable

[Click here for the full list of ratings](#)

ESG and Climate

Highest ESG Relevance Scores

Environmental	3
Social	3
Governance	3

2035 Climate Vulnerability Signal	36
Transition (Climate.VSt)	20
Physical (Climate.VSp)	32

Applicable Criteria

Corporates Recovery Ratings and Instrument Ratings Criteria (August 2024)
Sector Navigators – Addendum to the Corporate Rating Criteria (January 2026)
Country-Specific Treatment of Recovery Ratings Criteria (February 2026)
Corporate Rating Criteria (January 2026)

Related Research

Global Corporates Macro and Sector Forecasts

Analysts

Denise Spiteri
+44 20 3530 2215
denise.spiteri@fitchratings.com

Maria Linares
+34 93 492 9512
maria.linares@fitchratings.com

SOLICITATION & PARTICIPATION STATUS

For information on the solicitation status of the ratings included within this report, please refer to the solicitation status shown in the relevant entity's summary page of the Fitch Ratings website.

For information on the participation status in the rating process of an issuer listed in this report, please refer to the most recent rating action commentary for the relevant issuer, available on the Fitch Ratings website.

DISCLAIMER & DISCLOSURES

All Fitch Ratings (Fitch) credit ratings are subject to certain limitations and disclaimers. Please read these limitations and disclaimers by following this link: <https://www.fitchratings.com/understandingcreditratings>. In addition, the following <https://www.fitchratings.com/rating-definitions-document> details Fitch's rating definitions for each rating scale and rating categories, including definitions relating to default. Published ratings, criteria, and methodologies are available from this site at all times. Fitch's code of conduct, confidentiality, conflicts of interest, affiliate firewall, compliance, and other relevant policies and procedures are also available from the Code of Conduct section of this site. Directors and shareholders' relevant interests are available at <https://www.fitchratings.com/site/regulatory>. Fitch may have provided another permissible or ancillary service to the rated entity or its related third parties. Details of permissible or ancillary service(s) for which the lead analyst is based in an ESMA- or FCA-registered Fitch Ratings company (or branch of such a company) can be found on the entity summary page for this issuer on the Fitch Ratings website.

In issuing and maintaining its ratings and in making other reports (including forecast information), Fitch relies on factual information it receives from issuers and underwriters and from other sources Fitch believes to be credible. Fitch conducts a reasonable investigation of the factual information relied upon by it in accordance with its ratings methodology, and obtains reasonable verification of that information from independent sources, to the extent such sources are available for a given security or in a given jurisdiction. The manner of Fitch's factual investigation and the scope of the third-party verification it obtains will vary depending on the nature of the rated security and its issuer, the requirements and practices in the jurisdiction in which the rated security is offered and sold and/or the issuer is located, the availability and nature of relevant public information, access to the management of the issuer and its advisers, the availability of pre-existing third-party verifications such as audit reports, agreed-upon procedures letters, appraisals, actuarial reports, engineering reports, legal opinions and other reports provided by third parties, the availability of independent and competent third-party verification sources with respect to the particular security or in the particular jurisdiction of the issuer, and a variety of other factors. Users of Fitch's ratings and reports should understand that neither an enhanced factual investigation nor any third-party verification can ensure that all of the information Fitch relies on in connection with a rating or a report will be accurate and complete. Ultimately, the issuer and its advisers are responsible for the accuracy of the information they provide to Fitch and to the market in offering documents and other reports. In issuing its ratings and its reports, Fitch must rely on the work of experts, including independent auditors with respect to financial statements and attorneys with respect to legal and tax matters. Further, ratings and forecasts of financial and other information are inherently forward-looking and embody assumptions and predictions about future events that by their nature cannot be verified as facts. As a result, despite any verification of current facts, ratings and forecasts can be affected by future events or conditions that were not anticipated at the time a rating or forecast was issued or affirmed. Fitch Ratings makes routine, commonly-accepted adjustments to reported financial data in accordance with the relevant criteria and/or industry standards to provide financial metric consistency for entities in the same sector or asset class.

The information in this report is provided "as is" without any representation or warranty of any kind, and Fitch does not represent or warrant that the report or any of its contents will meet any of the requirements of a recipient of the report. A Fitch rating is an opinion as to the creditworthiness of a security. This opinion and reports made by Fitch are based on established criteria and methodologies that Fitch is continuously evaluating and updating. Therefore, ratings and reports are the collective work product of Fitch and no individual, or group of individuals, is solely responsible for a rating or a report. The rating does not address the risk of loss due to risks other than credit risk, unless such risk is specifically mentioned. Fitch is not engaged in the offer or sale of any security. All Fitch reports have shared authorship. Individuals identified in a Fitch report were involved in, but are not solely responsible for, the opinions stated therein. The individuals are named for contact purposes only. A report providing a Fitch rating is neither a prospectus nor a substitute for the information assembled, verified and presented to investors by the issuer and its agents in connection with the sale of the securities. Ratings may be changed or withdrawn at any time for any reason in the sole discretion of Fitch. Fitch does not provide investment advice of any sort. Ratings are not a recommendation to buy, sell, or hold any security. Ratings do not comment on the adequacy of market price, the suitability of any security for a particular investor, or the tax-exempt nature or taxability of payments made in respect to any security. Fitch receives fees from issuers, insurers, guarantors, other obligors, and underwriters for rating securities. Such fees generally vary from US\$1,000 to US\$750,000 (or the applicable currency equivalent) per issue. In certain cases, Fitch will rate all or a number of issues issued by a particular issuer, or insured or guaranteed by a particular insurer or guarantor, for a single annual fee. Such fees are expected to vary from US\$10,000 to US\$1,500,000 (or the applicable currency equivalent). The assignment, publication, or dissemination of a rating by Fitch shall not constitute a consent by Fitch to use its name as an expert in connection with any registration statement filed under the United States securities laws, the Financial Services and Markets Act of 2000 of the United Kingdom, or the securities laws of any particular jurisdiction. Due to the relative efficiency of electronic publishing and distribution, Fitch research may be available to electronic subscribers up to three days earlier than to print subscribers.

For Australia, New Zealand, Taiwan and South Korea only: Fitch Australia Pty Ltd holds an Australian financial services license (AFS license no. 337123) which authorizes it to provide credit ratings to wholesale clients only. Credit ratings information published by Fitch is not intended to be used by persons who are retail clients within the meaning of the Corporations Act 2001.

Fitch Ratings, Inc. is registered with the U.S. Securities and Exchange Commission as a Nationally Recognized Statistical Rating Organization (the "NRSRO"). While certain of the NRSRO's credit rating subsidiaries are listed on Item 3 of Form NRSRO and as such are authorized to issue credit ratings on behalf of the NRSRO (see <https://www.fitchratings.com/site/regulatory>), other credit rating subsidiaries are not listed on Form NRSRO (the "non-NRSROs") and therefore credit ratings issued by those subsidiaries are not issued on behalf of the NRSRO. However, non-NRSRO personnel may participate in determining credit ratings issued by or on behalf of the NRSRO.

Copyright © 2026 by Fitch Ratings, Inc., Fitch Ratings Ltd. and its subsidiaries. 33 Whitehall Street, NY, NY 10004. Telephone: 1-800-753-4824, (212) 908-0500. Reproduction or retransmission in whole or in part is prohibited except by permission. All rights reserved.
