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Morningstar DBRS Confirms Republic of Finland at AA (high), Stable Trend

Industry: Governments **Subindustry:** Sovereigns

Region: Europe

DBRS Ratings GmbH (Morningstar DBRS) confirmed the Republic of Finland's (Finland) Long-Term Foreign and Local Currency — Issuer Ratings at AA (high). At the same time, Morningstar DBRS confirmed Finland's Short-Term Foreign and Local Currency — Issuer Ratings at R-1 (high). The trends on all ratings remain Stable.

KEY CREDIT RATING CONSIDERATIONS

The Stable trend reflects Morningstar DBRS' expectation that the government will rebalance fiscal accounts and stabilise the debt-to-GDP ratio over the medium term. The government's consolidation package, along with an improvement in the country's economic recovery, will gradually gain traction and facilitate the decline in the fiscal deficit starting in 2025. Fiscal accounts have been mainly strained by higher defense spending, larger-than-expected deficits in the wellbeing services counties and municipal administrations, along with economic slowdown and higher interest costs. However, the government remains strongly committed to rebalancing the fiscal accounts and the Ministry of Finance projects the deficit to shrink to 2.4% of GDP in 2027 from 3.7% in 2024. Further consolidation measures, amounting to 1.0% of GDP, announced in the Spring are reassuring and should help stabilise the debt ratio at around 85% of GDP in 2028. This will remain below the Euro area average and continue to benefit from a sound affordability and strong asset position. However, further delays in in government savings and weaker-than-expected economic recovery could slow fiscal repair. Therefore, Morningstar DBRS will continue to monitor the feasibility of the government's consolidation plan and the degree of its effectiveness.

Finland's AA (high) credit ratings are underpinned by its strong public sector balance sheet, which reinforces its ability to fund future liabilities, and the Finnish government's track record of implementing sound economic policies. Moreover, the country benefits from very strong governance indicators, which, along with its wealthy economy, support the credit ratings. On the other hand, an ageing population will constrain potential growth and likely burden public finances over time. As an open and small economy, Finland's economic prospects are exposed to swings in external demand and to global financial conditions. Furthermore, Morningstar DBRS is of the view that the high level of household debt, which could amplify economic downturns, along with a large and interconnected banking system, remain a vulnerability.

CREDIT RATING DRIVERS

One or any combination of the following factors could trigger a credit ratings upgrade: (1) a material improvement in Finland's medium-term economic performance due to structural reforms, and (2) sustained decline in fiscal deficit leading the public debt-to-GDP ratio on a firm and durable downward trajectory.

One or any combination of the following factors could trigger a credit ratings downgrade: (1) the government's failure to improve fiscal accounts leading to a prolonged and material increase in Finland's public debt ratio over the medium term, (2) a significant and persistent worsening in Finland's economic performance, and (3) a substantial crystallisation of contingent liabilities.



CREDIT RATING RATIONALE

Additional Consolidation Measures Expected to Help Repair Fiscal Accounts in the Medium Term, but Fiscal Outlook Remains challenging

The consequences of the conflict in Ukraine, in tandem with a weak economic cyclical position and government discretionary measures, are putting pressure on Finland's fiscal accounts. After the rapid improvement in the budget deficit to 0.4% of GDP in 2022 from a peak of 5.6% in 2020, public finances have started to deteriorate again, reflecting a combination of weak growth, energy-related support, humanitarian aid, defence spending, and higher than expected deficits stemming from the impact of the wellbeing services reform. The deficit widened to 2.7% of GDP in 2023 and is anticipated to rise to 3.7% this year. Nevertheless, the government appears strongly committed to improving public finances, and on top of the measures to strengthen fiscal accounts totaling EUR 6 billion included in the government programme in 2023, in the Spring it planned a further package amounting to EUR 3 billion as it is facing a more challenging fiscal outlook. In total, the government is committed to implementing adjustment measures, including higher fiscal revenues and expenditures cuts, amounting to around 3% of GDP over time, with the aim to reduce the deficit to 2.2% of GDP by 2028. This plan is ambitious as part of higher fiscal revenues relate to an improvement in the labour market, which could be slower than expected. However, Morningstar DBRS expects that the overall package will gain traction starting in 2025. Should the improvement in fiscal accounts deviate from the target, further additional measures to reinforce the government's budgetary consolidation strategy going forward are likely. Morningstar DBRS will monitor the future evolution of public sector accounts, particularly in relation to expenditures, and the government's ability to successful deliver on a more prudent fiscal stance.

The main risks in the near term are linked to a weaker-than-expected evolution of the economy, which might result in lower fiscal revenues. On the other hand, pressure on Finland's public sector accounts in the medium to long term will likely depend on the fiscal effects of the ageing and shrinking working-age population. In relation to this, the healthcare reform, although expected to create transitional costs for several years, could potentially generate savings around the turn of the decade and onward. Morningstar DBRS will continue to monitor Finland's implementation of this reform, in order to assess its effectiveness in curbing age-related spending in the medium to long term.

Public Debt-to-GDP Ratio is Rising but Strong Balance Sheet Position and Sound Debt Affordability Reassure

Morningstar DBRS is of the view that the government's adjustment measures will help stabilise the debt-to-GDP ratio over the medium term. After a slight decline to 72.6% of GDP in 2021 from a peak of 74.7% in 2020, the public debt ratio has started to increase again, rising to 75.8% in 2023, and further rises are projected until the government's consolidation measures gain more traction. High primary balance deficits along with the funding of military equipment and are expected to be the major drivers of the increase in the debt. The debt ratio will likely surge to 84.0% in 2026, but is expected to remain below the Euro area average, estimated at 88.2% of GDP by the International Monetary Fund (IMF). Moreover, debt affordability is projected to remain sound with interest costs as a share of GDP only gradually increasing to around 1.6% of GDP in 2026 from 1.1% in 2023. The average maturity central government debt of 7.9 years and minimal exchange-rate risk after swaps at end-August 2024 are also important mitigating factors.



The stock of explicit guarantees of the central government not included in the public debt is large and represents a vulnerability. However, contingent liability risk remains contained. Total guarantees estimated at around 17% of GDP as of December 2023, after excluding the guarantees of the national housing fund already included in the public debt, are among the largest in the European Union (EU). That said, these relate mainly to Finnvera, the state export agency and are not expected to exert significant pressure on public finance. Finland's ratings benefit from a strong public balance sheet position, with a net public financial asset position estimated at 58.9% of GDP as of Q1 2024. However, this favorable large net asset position mainly includes pension assets, which cannot be used for budgetary purposes but are key to fund future pension liabilities.

Economic Growth is Set to Gather Pace Although Gradually; Labour Market Holds Up

Finland's credit ratings benefit from a high per capita GDP, amounting to USD 54,008 in 2023, reflecting a skilled labour force, high-value-added sectors, and a relatively strong research and development investment intensity. This is offset by a moderate GDP growth potential, estimated at around 1.0%, according to the IMF, which is constrained by a shrinking working-age population and relatively weak labour productivity growth.

After a rapid recovery from the pandemic, Finland's economic performance started deteriorating because of the impact of Russia's invasion of Ukraine, the steep rise in interest rates and the overall downturn in the housing market. The country slipped into recession last year, with GDP contracting by around 1.2%. Morningstar DBRS anticipates Finland's economy to remain stagnant this year, while growth momentum is expected to strengthen towards the end of the year. Real GDP is expected to expand by 1.6% in 2025 driven by a recovery in housing investment and stronger consumption as inflation moderates further and interest rates decline. However, despite the economic slowdown, and the increase in the unemployment rate, the labour market holds up with the employment rate remaining relatively resilient at 72.4% in July 2024. This mitigates the risks stemming from the weak cyclical position.

The main risks to the outlook stem from an escalation in geopolitical tensions, which could intensify trade fragmentation and lead to a new spike in energy prices. Moreover, a prolonged period of high interest rates could constrain the recovery weighing on residential investment. At the same time, over the medium to long term, successfully countering the effects of unfavourable demographics and relatively weak productivity growth, will remain key to Finland's economic prospects. In this regard, Morningstar DBRS will continue to monitor the effectiveness of the government's reforms and investments in raising employment, investment, and productivity.

Financial System is Sound and Risks to Financial Stability are Contained

The Finnish banking system is well placed to withstand the economic slowdown amid the downturn in the housing market and the increase in borrowers' interest expenses. Loan losses overall have remained contained and the increase in nonperforming loans (NPLs) in the construction sector is not a major concern for the banking system. Moreover, households' loan-servicing ability has remained broadly good while the household debt ratio has also declined from the peak in 2021. Nevertheless, at 125.0% as of Q4 2023, household debt as a share of the disposable income remains a source of risk if interest rates remain higher than expected and/or inflation makes a comeback. This is because interest expenses have increased significantly reflecting the large share of mortgages at variable rates vis-àvis a relatively short refixing period. Nevertheless, Finnish banks are profitable and well capitalised with a CET1 capital ratio at 18.6% as of Q1 2024 and the NPL ratio at around 1.0% remains very low, according to the European Banking Authority (EBA). In addition, imbalances in the mortgage market appear to be relatively contained as a result of Finland's fully amortising mortgages, strict credit policies, and low tax deductibility. Moreover, most indebted households tend to also have high levels of financial wealth, which mitigates



risks to financial stability. With the normalisation in interest rates and the recovery in the economy, lending for housing is expected to restart, but household debt will likely not rise significantly over the medium term, as interest rates are projected to remain higher than before the tightening in monetary policy.

After several years of persistent growth, house prices have dropped in the Nordic region and in Finland these are now below 10% of the peak reached in 2022. The fall in property prices seems to have slowed down, but the overall situation in the housing market remains challenging in light of high interest rates. Given the banks' large exposure to the real estate market, Morningstar DBRS does not rule out a potential, although contained, negative impact on Finnish banks over the medium term, should the housing market recover more slowly than expected. The financial sector continues to face structural vulnerabilities, including a large and interconnected banking system, highly exposed to the real estate market with a large amount of external wholesale funding. However, in this regard, contingent liability risks have remained limited.

Current Account Deficit will Remain Contained; External Debt Linked to the Financial Sector is a Source of Concern

Despite the impact of Russia's invasion of Ukraine, and the subsequent need to re-orient export markets, Finland's external position remains good. It continues to benefit from a restored price-competitiveness in the context of moderate current account deficits and a positive net international investment position (NIIP). Past improvements in cost competitiveness, in the event that unit labour cost dynamics remain in line with trading partners, mitigate the risk of a material and persistent current account deterioration. The improvement in the trade balance, also as a result of demand compression, led the current account deficit to narrow to 1.1% of GDP in 2023 after the 2.4% recorded in 2022. Lower numbers of tourists from Russia and Asia as well as higher dividends paid from the Finnish banks have weighed on the service and the primary income balance, respectively. Returning to a current account surplus appears challenging as the recovery in domestic demand as well as high investment, particularly for military equipment, will likely continue to be a drag over the medium term. However, the current account deficit will likely remain moderate, slightly above 1% of GDP over 2024-2027, according to the government. Finland's NIIP, after hovering around a balanced position until end of 2021, is now positive at around 17% of GDP as of O2 2024 and it is not expected to deteriorate significantly in the medium term. However, the country's elevated gross external debt-to-GDP ratio at 218.6% in O2 2024, remains a source of vulnerability, given the cross-border exposures of the financial sector, including liquidity risks as a result of the large wholesale funding.

Country's Strong Institutional Framework and Political Stability Support the Credit Ratings

Finland's credit ratings benefit from its political and institutional framework, which is among the strongest in the world. This is reflected also in the country's consistent ranking among the top performers on the World Bank's Worldwide Governance Indicators. Finland now is part of NATO and this reinforces its security including the defence of its external borders. The government coalition, including the center-right National Coalition Party, the right-wing Finns Party, along with the Swedish People's Party, and the Christian Democrats, is expected to rule for the full term even though frictions among the coalition partners could emerge. Rebalancing fiscal accounts, higher security, and a reinforced commitment to the West after accession to NATO are expected to remain the main government priorities reflecting consensus-oriented stance.

ENVIRONMENTAL, SOCIAL, AND GOVERNANCE CONSIDERATIONS

There were no Environmental, Social and Governance factors that had a significant or relevant effect on the credit analysis.



A description of how Morningstar DBRS considers ESG factors within the Morningstar DBRS analytical framework can be found in the Morningstar DBRS Criteria: Approach to Environmental, Social, and Governance Factors in Credit Ratings (13 August 2024) https://dbrs.morningstar.com/research/437781.

For more information on the Rating Committee decision, please see the Scorecard Indicators and Building Block Assessments: https://dbrs.morningstar.com/research/439788/.

EURO AREA RISK CATEGORY: LOW

Notes:

All figures are in euros unless otherwise noted. Public finance statistics reported on a general government basis unless specified.

The principal methodology is the Global Methodology for Rating Sovereign Governments (15 July 2024) https://dbrs.morningstar.com/research/436000. In addition, Morningstar DBRS uses the Morningstar DBRS Criteria: Approach to Environmental, Social, and Governance Factors in Credit Ratings https://dbrs.morningstar.com/research/437781 in its consideration of ESG factors.

The credit rating methodologies used in the analysis of this transaction can be found at: https://dbrs.morningstar.com/about/methodologies.

The sources of information used for these credit ratings include Ministry of Finance (Summer Economic Survey, June 2024), Bank of Finland (Bank of Finland's interim forecast: Finland's economy is gradually moving out of recession—July 2024), Central Government Debt Management Office, Statistics Finland, European Commission, EBA, The Social Progress Imperative (2024 Social Progress Index), European Central Bank, Statistical Office of the European Communities, Bank of International Settlements, Organisation for Economic Co-operation and Development, IMF (2024 Article IV Consultation-Press Release; Staff Report; and Statement by the Executive Director for Finland, March 2024), World Bank, and Haver Analytics. Morningstar DBRS considers the information available to it for the purposes of providing these credit ratings to be of satisfactory quality.

With respect to FCA and ESMA regulations in the United Kingdom and European Union, respectively, these are unsolicited credit ratings. These credit ratings were not initiated at the request of the issuer.

With Rated Entity or Related Third Party Participation: YES With Access to Internal Documents: NO With Access to Management: NO

Morningstar DBRS does not audit the information it receives in connection with the rating process, and it does not and cannot independently verify that information in every instance.

The conditions that lead to the assignment of a Negative or Positive trend are generally resolved within a 12-month period. Morningstar DBRS' outlooks and credit ratings are under regular surveillance.



For further information on Morningstar DBRS historical default rates published by the European Securities and Markets Authority (ESMA) in a central repository, see: https://registers.esma.europa.eu/cerep-publication. For further information on Morningstar DBRS historical default rates published by the Financial Conduct Authority (FCA) in a central repository, see https://data.fca.org.uk/#/ceres/craStats.

The sensitivity analysis of the relevant key credit rating assumptions can be found at: https://dbrs.morningstar.com/research/439786/.

These credit ratings are endorsed by DBRS Ratings Limited for use in the United Kingdom.

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Initial Rating Date: 14 August 2012 Last Rating Date: 22 March 2024

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For more information on this credit or on this industry, visit <u>dbrs.morningstar.com</u>.

Issuer	Debt Rated	Credit Rating Action	Credit Rating	Trend
Finland, Republic of	Long-Term Foreign Currency - Issuer Rating	Confirmed	AA (high)	Stable
Finland, Republic of	Long-Term Local Currency - Issuer Rating	Confirmed	AA (high)	Stable
Finland, Republic of	Short-Term Foreign Currency Debt - Issuer Rating	Confirmed	R-1 (high)	Stable
Finland, Republic of	Short-Term Local Currency Debt - Issuer Rating	Confirmed	R-1 (high)	Stable



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Finland

Scorecard Indicators Source Current Scorecard Input

Fiscal Management and Policy	2018	2019	2020	2021	2022	2023	2024	2025	2026			
Overall Fiscal Balance (% of GDP)	-0.9%	-0.9%	-5.6%	-2.8%	-0.8%	-2.8%	-3.5%	-3.4%	-3.1%	IMF WEO	13 year average	-2.4%
Government Effectiveness (Percentile Rank)	99.5	99.5	98.6	98.1	96.7	-	-	-	-	World Bank	5 year average	98.5
Debt and Liquidity	2018	2019	2020	2021	2022	2023	2024	2025	2026			
General Government Gross Debt (% of GDP)	64.8%	64.9%	74.7%	72.6%	73.5%	76.7%	80.0%	82.6%	84.7%	IMF WEO	5 year projection	86.5%
Interest Costs (% of GDP)	0.2%	0.2%	0.1%	0.0%	-0.1%	0.1%	0.3%	0.3%	0.3%	IMF WEO	5 year average	0.1%
Economic Structure and Performance	2018	2019	2020	2021	2022	2023	2024	2025	2026			•
GDP per Capita (USD thousands)	50.0	48.7	49.2	53.6	50.8	54.0	55.1	56.9	58.9	IMF WEO	10 year average	49.0
Output Volatility (%)	3.0%	2.9%	2.8%	2.8%	2.8%	2.8%	2.7%	2.7%	2.6%	IMF WEO	Latest	2.8%
Economic Size (USD billions)	276	269	272	297	282	300	308	319	330	IMF WEO	5 year average	284
Monetary Policy and Financial Stability	2018	2019	2020	2021	2022	2023	2024	2025	2026			•
Rate of Inflation (%, EOP)	1.3%	1.1%	0.2%	3.2%	8.8%	1.3%	1.9%	2.0%	2.0%	IMF WEO	13 year average	1.8%
Total Domestic Savings (% of GDP)	156%	166%	183%	189%	171%	167%	-	-	-	ECB/IMF	Latest ¹	167%
Change in Domestic Credit (% of GDP)	-0.9%	-2.2%	7.6%	-2.1%	-1.5%	-9.3%	-	-	-	ECB/IMF	7 year average ¹	-0.2%
Net Non-Performing Loans (% of Capital)	8.8%	10.7%	9.7%	9.2%	8.0%	7.7%	-	-	-	IMF IFS	Latest ¹	7.7%
Change in Property Price/GDP Index (%)	-2.2%	-2.3%	2.5%	-0.7%	-5.3%	-9.1%	-	-	-	Eurostat/IMF	7 year average ¹	-2.8%
Balance of Payments	2018	2019	2020	2021	2022	2023	2024	2025	2026			
Current Account Balance (% of GDP)	-1.8%	-0.3%	0.5%	0.4%	-2.6%	-1.0%	-0.6%	-0.4%	-0.2%	IMF WEO	8 year average	-0.5%
International Investment Position (% of GDP)	-5.6%	4.0%	-4.0%	1.0%	-2.2%	9.6%	-	-	-	IMF	5 year average ¹	1.7%
Share of Global Foreign Exchange Turnover (Ratio)	198.8%	206.0%	207.2%	210.5%	204.6%	207.3%	-	-	-	BIS/IMF	Latest	207.3%
Exchange Rate Classification (see footnote)	5	5	5	5	5	5	-	-	-	IMF	Latest	5
Political Environment	2018	2019	2020	2021	2022	2023	2024	2025	2026			
Voice and Accountability (Percentile Rank)	98.5	99.5	99.5	99.5	98.6	-	-	-	-	World Bank	5 year average	99.1
Rule of Law (Percentile Rank)	100.0	100.0	100.0	100.0	100.0	-	-	-	-	World Bank	5 year average	100.0

See Morningstar DBRS' Global Methodology for Rating Sovereign Governments for additional details on the methodology behind the scorecard indicators and associated scoring thresholds. Exchange Rate Classifications: Freely floating exchange rate = 1; Float = 2; Crawls, banded pegs, and other managed = 3; Stabilized = 4; Pegs, currency unions and dollarized arrangements = 5.

Rating Committee Date:

18-Sep-2024

¹ Scores for 2023 have been computed using the most recent data when year-end data is not available.





Building Block Assessments and Rating Committee Summary

18-Sep-2024

Building Blocks	Scorecard Result	Quantitative Assessment	Net Impact of Qualitative Factors	Building Block Assessment
Fiscal Management and Policy	16.96	Strong/Good	N/A	Strong/Good
Debt and Liquidity	13.12	Good	N/A	Good
Economic Structure and Performance	12.80	Good/Moderate	N/A	Good/Moderate
Monetary Policy and Financial Stability	19.18	Very Strong	N/A	Very Strong
Balance of Payments	14.67	Good	N/A	Good
Political Environment	20.00	Very Strong	N/A	Very Strong
Overall Assessment	Composite Scorecard Result	Scorecard Rating Range	Composite Building Block Assessment	Indicative Rating Range
	80.6	AAA - AA	80.6	AAA - AA
Finland's Long-Term Foreign Currence	cy - Issuer Rating		AA (high)	

Main topics discussed in the Rating Committee include: Fiscal and public debt outlook, government consolidation package, economic performance and Finland's export performance. For additional details on Morningstar DBRS analysis and opinions, please see the accompanying rating report.

Morningstar DBRS Scorecard: Scoring Ranges and Associated Assessment Categories

Lower Bound	0.00	1.00	3.00	5.00	7.00	9.00	11.00	13.00	15.00	17.00	19.00
Upper Bound	0.99	2.99	4.99	6.99	8.99	10.99	12.99	14.99	16.99	18.99	20.00
Assessment Category	Very Weak	Weak	Weak/ Poor	Poor	Poor/ Moderate	Moderate	Good/ Moderate	Good	Strong/ Good	Strong	Very Strong



Finland, Republic of

ESG Checklist

G Factor		ESG Credit Consideration Applicable to the Credit Analysis: Y/N		Extent of the Effect on a ESG Factor on the Credi Analysis: Relevant (R) o Significant (S)*
vironme	ental	Overall:	N	N
		Do the costs or risks result in changes to a government's financial standing		
	Emissions, Effluents, and	or relationship with other governments, and does this affect the assessment		
	Waste	of credit risk?	N	N
		Does a government face coordinated pressure from a higher-tier		
	01	government or from numerous foreign governments as a result of its GHG		
	Carbon and GHG Costs	emissions policies, and does this affect the assessment of credit risk?	N	N
		Will recent regulatory changes have an impact on economic resilience or public finances?	N	N
		Carbon and GHG Costs	N	N
	Resource and Energy	Does the scarcity of key resources impose high costs on the public sector or	IN	N
	Management	make the private sector less competitive?	N	N
	wanagement	Is the economy reliant on industries that are vulnerable to import or export	IV	IN .
		price shocks?	N	N
		Resource and Energy Management	N	N
		Is there a risk to a government's economic or tax base for failing to	14	
	Land Impact and Biodiversity	effectively regulate land impact and biodiversity activities?	N	N
	u impuot ullu bioulvoisity	Under key IPCC climate scenarios will climate change and adverse weather		+ "
		events potentially destroy a material portion of national wealth, weaken the		
	Climate and Weather Risks	financial system, or disrupt the economy?	N	N
	Passed-through	Does this rating depend to a large extent on the creditworthiness of another		<u> </u>
	Environmental credit	rated issuer which is impacted by environmental factors (see respective ESG		
	considerations	checklist for such issuer)?	N	N
ı				•
cial		Overall:	N	N
olui	Human Capital and Human	Compared with regional or global peers, is the domestic labour force more		1
	Rights	or less competitive, flexible and productive?	N	N
	ingitto	Are labour or social conflicts a key source of economic volatility?	N	N
		Are individual and human rights insufficiently respected or failing to meet	IN	IN .
		the population's expectations?	N	N
		Is the government exposed to heavy, coordinated international pressure as	IV	IN .
		a result of its respect for fundamental human rights?	N	N
		Human Capital and Human Rights	N	N
		Does a failure to provide adequate basic services deter investment,	14	- "
	Access to Basic Services	migration, and income growth within the economy?	N	N
	7.00000 to Duoio Col 11000	Does this rating depend to a large extent on the creditworthiness of another		
	Passed-through Social credit	rated issuer which is impacted by social factors (see respective ESG		
	considerations	checklist for such issuer)?	N	N
ernand	ce	Overall:	N	N
- Samuallo	<u> </u>	Does widespread evidence of official corruption and other weaknesses in		T
	Bribery, Corruption, and	the rule of law deter investment and contribute to fiscal or financial		
	Political Risks	challenges?	N	N
	Institutional Strength,			
	Governance, and	Compared with other governments, do institutional arrangements provide a		
	Transparency	higher or lesser degree of accountability, transparency, and effectiveness?	N	N
		Are regulatory and oversight bodies insufficiently protected from		
		inappropriate political influence?	N	N
				1
		Are government officials insufficiently exposed to public scrutiny or held to		
		Are government officials insufficiently exposed to public scrutiny or held to insufficiently high ethical standards of conduct?	N	N
		insufficiently high ethical standards of conduct?		N N
		insufficiently high ethical standards of conduct? Institutional Strength, Governance, and Transparency	N N	
	Peace and Security	insufficiently high ethical standards of conduct? Institutional Strength, Governance, and Transparency Is the government likely to initiate or respond to hostilities with		
	Peace and Security	insufficiently high ethical standards of conduct? Institutional Strength, Governance, and Transparency Is the government likely to initiate or respond to hostilities with neighbouring governments?	N	N
	Peace and Security	insufficiently high ethical standards of conduct? Institutional Strength, Governance, and Transparency Is the government likely to initiate or respond to hostilities with neighbouring governments Is the government's authority over certain regions contested by domestic or	N N	N N
	Peace and Security	insufficiently high ethical standards of conduct? Institutional Strength, Governance, and Transparency Is the government likely to initiate or respond to hostilities with neighbouring governments? Is the government's authority over certain regions contested by domestic or foreign militias?	N	N
	Peace and Security	insufficiently high ethical standards of conduct? Institutional Strength, Governance, and Transparency Is the government likely to initiate or respond to hostilities with neighbouring governments? Is the governments authority over certain regions contested by domestic or foreign militias? Is the risk of terrorism or violence sufficient to deter investment or to create	N N	N N N
	Peace and Security	insufficiently high ethical standards of conduct? Institutional Strength, Governance, and Transparency Is the government likely to initiate or respond to hostilities with neighbouring governments? Is the government's authority over certain regions contested by domestic or foreign militias? Is the risk of terrorism or violence sufficient to deter investment or to create contingent liabilities for the government?	N N N	N N N
	Peace and Security	insufficiently high ethical standards of conduct? Institutional Strength, Governance, and Transparency Is the government likely to initiate or respond to hostilities with neighbouring governments? Is the government's authority over certain regions contested by domestic or foreign militias? Is the risk of terrorism or violence sufficient to deter investment or to create contingent liabilities for the government? Peace and Security	N N	N N N
		insufficiently high ethical standards of conduct? Institutional Strength, Governance, and Transparency Is the government likely to initiate or respond to hostilities with neighbouring governments? Is the government's authority over certain regions contested by domestic or foreign militias? Is the risk of terrorism or violence sufficient to deter investment or to create contingent liabilities for the government? Peace and Security Does this rating depend to a large extent on the creditworthiness of another	N N N	N N N
	Peace and Security Passed-through Governance credit considerations	insufficiently high ethical standards of conduct? Institutional Strength, Governance, and Transparency Is the government likely to initiate or respond to hostilities with neighbouring governments? Is the government's authority over certain regions contested by domestic or foreign militias? Is the risk of terrorism or violence sufficient to deter investment or to create contingent liabilities for the government? Peace and Security	N N N	N N N

^{*} A Relevant Effect means that the impact of the applicable ESG risk factor has not changed the rating or rating trend on the issuer.

 $A \ Significant \ Effect \ means \ that \ the \ impact \ of \ the \ applicable \ ESG \ risk \ factor \ has \ changed \ the \ rating \ or \ trend \ on \ the \ issuer.$



Republic of Finland: ESG Considerations

20 September 2024

Environmental

There were no Environmental factors that had a significant or relevant effect on the credit analysis. The country's target to reduce greenhouse gas emission by 50% in 2030 (Effort Sharing regulation), compared with the 2005 level, is ambitious. Finland has been one of the first countries globally seeking to identify the connections between sustainable development and its government budgetary proposals. The Climate Change Act 2022 sets very ambitious climate targets including net zero emissions by 2035. Finland aims to become carbon negative soon after, which is among the fastest targets in the world. Reaching these goals would require a significant amount of investment including public investment. However, despite the high degree of uncertainty, Morningstar DBRS does not view as material the impact on public finances in the medium term.

Social

There were no Social factors that had a significant or relevant effect on the credit analysis. Even though labour productivity growth has been relatively week over the last decade, the country benefits from a competitive economy thanks to high levels of human capital and productivity, reflected in its GDP per capita estimated at USD 54,008 in 2023 according to the IMF. Respect for human rights is high, and there is widespread access to quality healthcare and other basic services. Finland ranks 3rd among countries in the 2024 Social Progress Index reflecting a very strong position in providing access to basic needs.

Governance

There were no Governance factors that had a significant or relevant effect on the credit analysis. The country has independent and transparent institutions, providing a strong environment for investment and rather limited scope for corruption. Finland's political and institutional framework is among the strongest in the world, consistently being ranked among the top performers in the World Bank's Worldwide governance indicators, including government effectiveness (96.7 percentile rank), voice and accountability (98.6 percentile rank), and for rule of law (100.0 percentile rank) as of 2023.



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