Sovereign & Public Sector

23 February 2024



Kingdom of Morocco

Rating report

Rating rationale

Good record of macro-economic stability and sound economic institutions: Morocco's sound economic institutions, including a sophisticated central bank, fiscal administration and debt management office compared to peers, support macro-economic stability and effective policymaking. Inflation dynamics have been on par with that of advanced economies since the cost-of-living crisis.

Strong market access and funding flexibility: Morocco has historically benefitted from good access to capital markets at favourable borrowing rates. Extensive ties with multilateral and bilateral official lenders and a large domestic investor base underpin funding flexibility.

Sustained structural reform momentum: Morocco has a history of implementing needed structural reforms, with support from international organisations like the IMF and the World Bank, with tangible results in economic liberalisation and improved social systems. Reform momentum under the New Development Model is critical to address Morocco's economic diversification, employment and social challenges and bolster its credit fundamentals longer term.

Rating challenges include: i) a low growth potential despite moderate wealth levels and modest economic diversification; ii) elevated public debt coupled with rising spending pressures and high contingent liabilities; and iii) social risks due to poor employment prospects and high income and regional inequalities.

Figure 1: Morocco's sovereign rating drivers

| Risk pillars | | Quar | Quantitative | | Political risk** | Qualitative*** | Final |
|---|-----------------------|--------|----------------------|---------|---------------------|----------------|--------|
| | | Weight | Indicative rating | Notches | Notches | Notches | rating |
| Domes | stic economic risk | 35% | bb- | | | 1/3 | |
| Public finance risk External economic risk Financial stability risk | | 20% | bb+ | MAD | | 2/3 | |
| | | 10% | ccc | | Morocco | 2/3 | |
| | | 10% | bb- | | | 1/3 | |
| | Environmental factors | 5% | bb | [+0] | [-1] | 1/3 | BB+ |
| ESG risk | Social factors | 7.5% | bbb+ | | | 0 | |
| HJK | Governance factors | 12.5% | b- | | | 1/3 | |
| Sovereign Quantitative Model | | b+ | | | +3 | | |
| Additional considerations | | | | | 0 | | |

^{*}The reserve-currency quantitative adjustment applies to currencies in the IMF's Special Drawing Rights (SDR) basket.

**The political-risk quantitative adjustment is based on the World Bank's Political Stability & Absence of Violence/Terrorism index.

Foreign currency

Long-term issuer rating/Outlook

BB+/Stable

Senior unsecured debt

BB+/Stable

Short-term issuer rating/Outlook

S-3/Stable

Local currency

Long-term issuer rating/Outlook

BB+/Stable

Senior unsecured debt

BB+/Stable

Short-term issuer rating/Outlook

S-3/Stable

Lead Analyst

Thomas Gillet +33 186 261 874 t.gillet@scoperatings.com

Team Leader

Alvise Lennkh-Yunus +49 69 6677389-85

a.lennkh@scoperatings.com

^{***}The qualitative scorecard analyst adjustments, capped at one notch per rating pillar, are weighted equally with an aggregate adjustment rounded to the nearest integer. For details, please see Scope's Sovereign Rating Methodology. Source: Scope Ratings.



Credit strengths and challenges

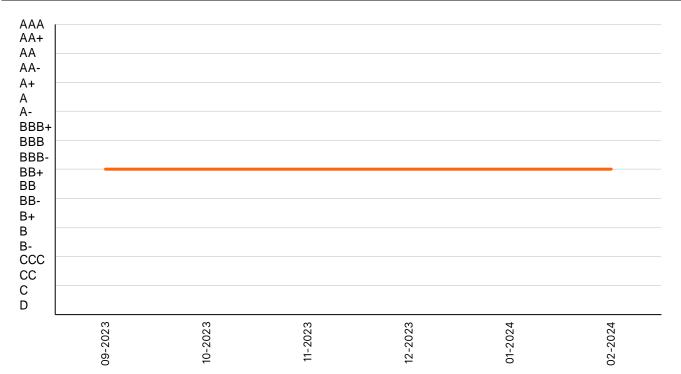
| Credit strengths | Credit challenges | | | |
|--|---|--|--|--|
| Good record of macro-economic stability and sound economic institutions | Low growth potential, wealth levels and economic diversification | | | |
| Strong market access and funding flexibility Solid structural reform momentum | Elevated public debt, rising spending pressures and high contingent liabilities Social risks, weak employment dynamics | | | |

Outlook and rating triggers

The Stable Outlook reflects Scope's view that risks to the ratings are balanced.

| | Positive rating-change drivers | | Negative rating-change drivers |
|---|--|---|---|
| • | Structural reforms progress materially and set the stage for more inclusive, resilient, and sustainable economic growth Tangible progress on the government's fiscal strategy and | • | Public finances deteriorate, for instance due to a rising interest burden, overly loose fiscal policy, or the crystallisation of contingent liabilities |
| | budgetary consolidation plans, for instance via a widening of the tax base or elimination of subsidies | • | External position deteriorates, for instance due to weakening reserve holdings or balance of payment pressures |
| • | Governance quality improves substantially thanks to institutional reforms | • | Social and/or geopolitical tensions worsen, affecting policy credibility, and/or institutional and macro-economic stability |

Figure 2: Rating history¹



Foreign-currency long-term issuer rating. Positive/Negative Outlooks are treated with a +/-0.33-notch adjustment. Credit Watch positive/negative with a +/-0.67-notch adjustment. Source: Scope Ratings.

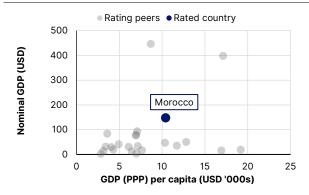


Domestic economic risk

Overview of Scope's assessments of Morocco's Domestic Economic Risk

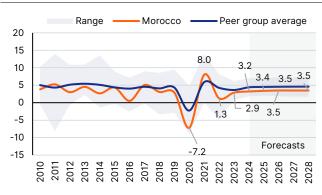
| SQM* indicative rating | Analytical component | Assessment | Notch adjustment | Rationale |
|------------------------|--|------------|---------------------|---|
| bb- | Growth potential and outlook | Neutral | 0 | Moderate growth potential; rising investment and structural reforms support long-term growth |
| | Monetary policy framework | Strong | +1/3 | Sophisticated central bank vis-à-vis peers with good record of inflation control; gradual transition to inflation targeting |
| | Macroeconomic stability and sustainability | Neutral | 0 | Gradual expansion of higher value-added sectors balanced by labour market challenges, including youth unemployment |

Figure 3: Nominal GDP and GDP per capita



Source: IMF World Economic Outlook (WEO), Scope Ratings

Figure 4: Real GDP growth, %



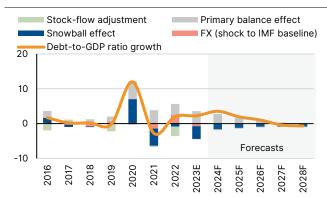
Source: IMF WEO, Scope Ratings forecasts

Public finance risk

Overview of Scope's assessments of Morocco's Public Finance Risk

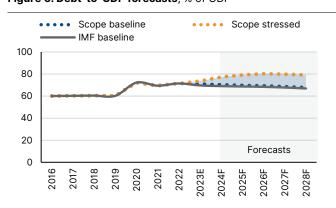
| SQM indicative rating | Analytical component | Assessment | Notch adjustment | Rationale |
|-----------------------|--------------------------------|------------|---------------------|---|
| | Fiscal policy framework | Strong | +1/3 | Sophisticated fiscal administration with enhanced public financial management frameworks; well-designed medium-term fiscal strategy |
| bb+ | Long-term debt trajectory | Neutral | 0 | Elevated public debt mitigated by relatively good revenue mobilisation, moderate interest burden; debt-to-GDP to stabilise |
| | Debt profile and market access | Strong | +1/3 | Strong market access and funding flexibility relative to peers; favourable debt profile and pro-active debt management strategy |

Figure 5: Contributions to change in debt levels, pps of GDP



Source: IMF WEO, Scope Ratings forecasts

Figure 6: Debt-to-GDP forecasts, % of GDP



Source: IMF WEO, Scope Ratings forecasts

^{*}Sovereign Quantitative Model.

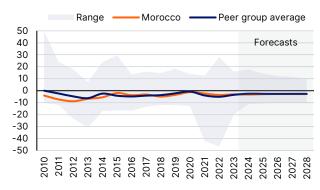


External economic risk

Overview of Scope's assessments of Morocco's External Economic Risk

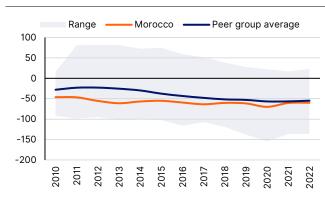
| SQM indicative rating | Analytical component | Assessment | Notch adjustment | Rationale |
|-----------------------|--|------------|---------------------|--|
| | Current account resilience | Neutral | 0 | Consistent current account deficits mostly funded through foreign direct investment; exports are concentrated in a few key sectors |
| CCC | External debt structure | Strong | +1/3 | External debt structure is favourable; low share of short-term and foreign-currency debt |
| | Resilience to short-term external shocks | Strong | +1/3 | Resilience to short-term shocks is underpinned by good reserve coverage and gradual transition to a floating exchange rate regime |

Figure 7: Current-account balance, % of GDP



Source: IMF WEO forecasts, Scope Ratings

Figure 8: Net international investment position (NIIP), % GDP



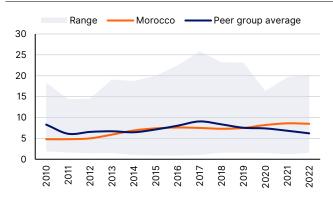
Source: IMF, Scope Ratings

Financial stability risk

Overview of Scope's assessments of Morocco's Financial Stability Risk

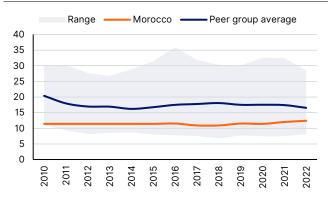
| SQM indicative rating | Analytical component | Assessment | Notch adjustment | Rationale |
|-----------------------|---|------------|---------------------|--|
| bb- | Banking sector performance | Neutral | 0 | Well-developed banking sector with adequate capitalisation and moderate asset quality |
| | Financial sector oversight and governance | Strong | +1/3 | Strengthened oversight framework increasingly in line with international supervisory standards |
| | Financial imbalances | Neutral | 0 | Elevated but declining private debt levels; real estate sector vulnerabilities are contained |

Figure 9: Non-performing loans, % of total loans



Source: World Bank (WB), Scope Ratings

Figure 10: Tier 1 capital, % of risk-weighted assets



Source: IMF, Scope Ratings

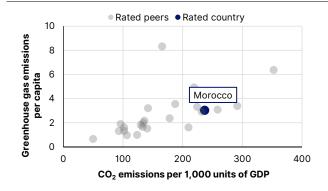


Environmental, Social and Governance (ESG) risk

Overview of Scope's assessments of Morocco's ESG Risk

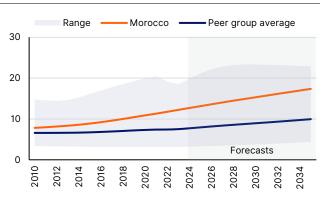
| SQM indicative rating | Analytical component | Assessment | Notch adjustment | Rationale |
|-----------------------|-----------------------|------------|---------------------|---|
| bb- | Environmental factors | Strong | +1/3 | Ambitious climate plans and policies help reduce transition and natural disasters relative to peers |
| | Social factors | Neutral | 0 | Better education, healthcare, poverty levels than peers; labour market bottlenecks, inequalities and social discontent are challenges |
| | Governance factors | Strong | +1/3 | Better governance quality, political stability than peers; moderate geopolitical tensions |

Figure 11: CO₂ emissions per GDP, mtCO₂e



Source: European Commission (EC), Scope Ratings

Figure 12: Old-age dependency ratio, %



Source: United Nations (UN), Scope Ratings

Reserve-currency adjustment

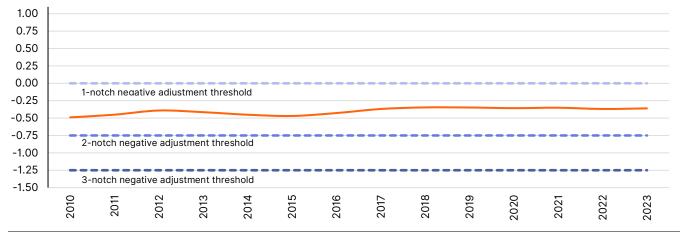
Figure 13: IMF SDR basket and Scope reserve-currency adjustment

| Currency | U.S. dollar | Euro | Chinese yuan | Japanese yen | Pound sterling | Other |
|------------------------------|-------------|------|--------------|--------------|----------------|-------|
| IMF SDR basket weights, % | 43.4 | 29.3 | 12.3 | 7.6 | 7.4 | 0.0 |
| Positive adjustment, notches | 3 | 1 | 1 | 1 | 1 | 0 |

Source: IMF, Scope Ratings

Political-risk adjustment

Figure 14: WB Political Stability & Absence of Violence/Terrorism index, Morocco, 3-year moving average



Source: WB, Scope Ratings

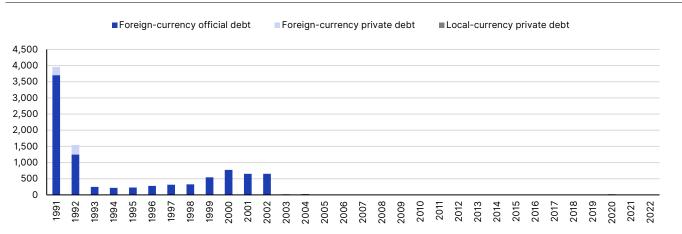


Additional considerations

No adjustment was applied to the rating from additional considerations.

Appendix I. Sovereign default history

Figure 15: Sovereign default history, USD m



Depicted private-debt defaults may not always constitute a credit event under Scope's credit-rating definitions Source: Bank of Canada-Bank of England Sovereign Default Database, Scope Ratings.

Appendix II. Rating peers

Rating peers are related to sovereigns with an indicative rating in the same rating category or adjacent categories, as assigned by Scope's sovereign quantitative model after accounting for methodological reserve-currency and political-risk adjustments.



^{*}Publicly-rated sovereigns only; the full sample of sovereign-rating peers may be larger.

Appendix III. Economic development and default indicators

IMF Development Classification Emerging market and developing economy

5y USD CDS spread (bp) as of 22 February 2024 101.6



Appendix IV. Statistical table for selected SQM indicators

This table presents a selection of the indicators (24 out of 30 – with the governance indicator reflecting a composite of five indicators) used in Scope's quantitative model, in line with Scope's Sovereign Rating Methodology. The metrics and sources for the data presented here ensure comparability across global country peers and may therefore differ from data from national and other select international statistical series.

| Pillar | Core variable | Source | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|------------------------|---|--------|-------|-------|-------|-------|-------|-------|
| Эic | GDP per capita (PPP), USD '000s | IMF | 8.6 | 8.9 | 8.3 | 9.2 | 9.9 | 10.4 |
| ono | Nominal GDP, USD bn | IMF | 127.3 | 128.9 | 121.4 | 141.8 | 130.9 | 147.3 |
| Domestic Economic | Real growth, % | IMF | 3.1 | 2.9 | -7.2 | 8.0 | 1.3 | 2.4 |
| | CPI inflation, % | IMF | 1.6 | 0.2 | 0.7 | 1.4 | 6.6 | 6.3 |
| Dor | Unemployment rate, % | WB | 9.2 | 9.2 | 11.1 | 10.5 | 10.5 | - |
| υø | Public debt, % of GDP | IMF | 60.5 | 60.3 | 72.2 | 69.5 | 71.5 | 69.7 |
| Public Finance | Net interest payment, % of government revenue | IMF | 9.3 | 8.9 | 9.3 | 8.4 | 8.0 | 9.0 |
| 正证 | Primary balance, % of GDP | IMF | -1.2 | -1.4 | -4.6 | -3.9 | -3.1 | -2.4 |
| a jc | Current-account balance, % of GDP | IMF | -4.9 | -3.4 | -1.2 | -2.3 | -3.5 | -3.1 |
| External Economic | Total reserves, months of imports | IMF | 5.0 | 5.6 | 8.9 | 6.8 | 5.1 | - |
| ă ö | NIIP, % of GDP | IMF | -60.2 | -61.5 | -69.9 | -60.4 | -59.8 | - |
| ia > | NPL ratio, % of total loans | IMF | 7.3 | 7.5 | 8.2 | 8.6 | 8.5 | - |
| Financial Stability | Tier 1 ratio, % of risk-weighted assets | IMF | 10.9 | 11.5 | 11.4 | 12 | 12.4 | - |
| i | Credit to the private sector, % of GDP | WB | 79.0 | 81.5 | 91.0 | 86.6 | 88.0 | - |
| | CO. per EUR 1,000 of GDP, mtCO.e | EC | 221.5 | 237.3 | 240.5 | 250.0 | 236.9 | - |
| | Income share of bottom 50%, % | WID | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | - |
| Q | Labour-force participation rate, % | WB | 48.5 | 48.6 | 46.6 | 48.7 | - | - |
| ESG | Old-age dependency ratio, % | UN | 10.0 | 10.4 | 10.9 | 11.3 | 11.8 | 12.2 |
| | Composite governance indicators* | WB | -0.4 | -0.3 | -0.3 | -0.3 | -0.3 | - |
| | Political stability, index | WB | -0.3 | -0.3 | -0.4 | -0.4 | -0.3 | - |

^{*}Average of the following five World Bank Worldwide Governance Indicators: Control of Corruption, Voice and Accountability, Rule of Law, Government Effectiveness, Regulatory Quality.

Scope Ratings GmbH

 Lennéstraße 5
 Phone: +49 30 27891-0

 D-10785 Berlin
 Fax: +49 30 27891-100

 scoperatings.com
 info@scoperatings.com

in

Bloomberg: RESP SCOP Scope contacts

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