



Deutsche Bank
Research

Navigating the Future: economic outlook for the GCC region

June 2025

Christian Wietoska, CFA
Head of CEEMEA Research & EM Credit Research

IMPORTANT RESEARCH DISCLOSURES AND ANALYST CERTIFICATIONS LOCATED IN APPENDIX 1. MCI (P) 041/10/2023. UNTIL 19th MARCH 2021 INCOMPLETE DISCLOSURE INFORMATION MAY HAVE BEEN DISPLAYED, PLEASE SEE APPENDIX 1 FOR FURTHER DETAILS.



Key Themes in Global Markets

Key Theme #1: Trade war

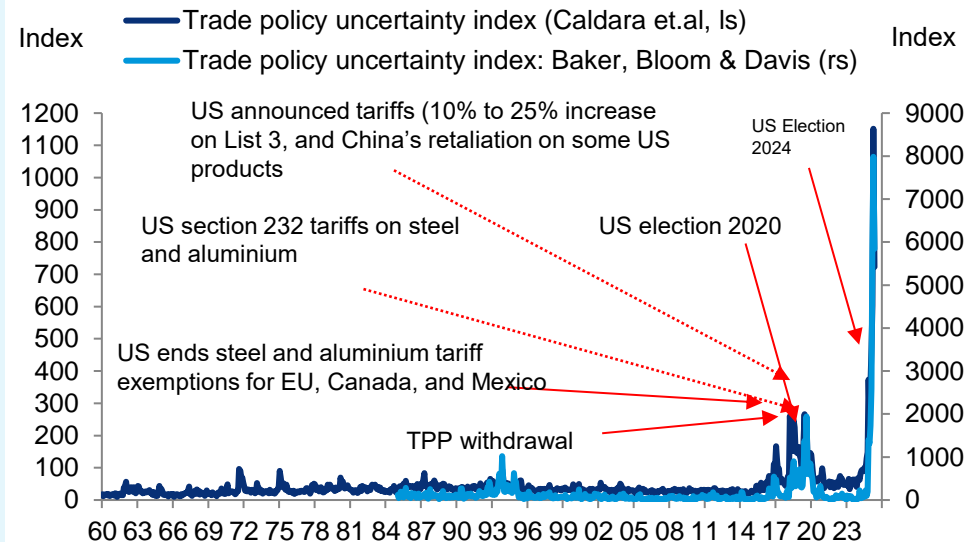
New US tariff rate at 15-17% – still the highest in decades



US revised tariff scenarios on the following:

- ❑ **China:** Tariffs to remain near current levels but may shift in form (e.g., fentanyl tariff cuts, increases in reciprocal or other sectors).
- ❑ **Europe:** 10% baseline remains, with carveouts for certain sectors.
- ❑ **CIT Ruling (May 28):** Affects 25% tariffs on Canada/ Mexico, 20% on China (linked to fentanyl/ border crisis), and 10% universal tariff (currently paused for 90-days).
 - ❑ Ruling does not apply to tariffs set before April 2, or sector-specific announcements.
 - ❑ A favorable court ruling could cut US tariffs by over half.
- ❑ **Impact:**
 - ❑ Global growth revised from early-May forecasts to 2.9% in 2025 (previously 2.8%) and 3.1% in 2026 (previously 2.9%).*
 - ❑ Ongoing China-US tensions expected as strategic supply chain decoupling accelerates.
 - ❑ Market sell off in US assets during trade turbulence underscores longer term US decline.

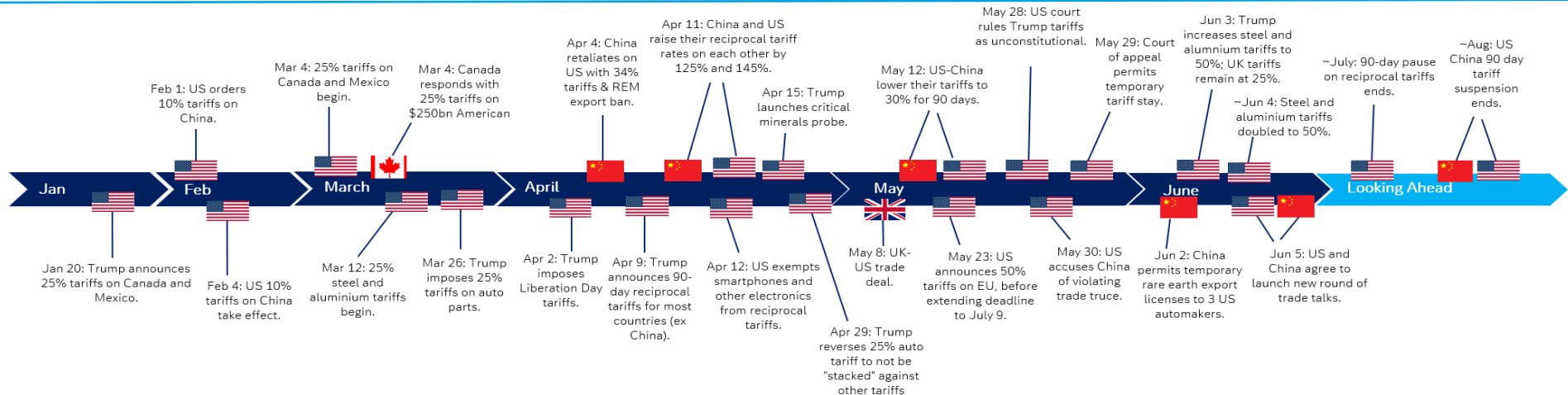
Trade policy uncertainty has spiked to record high levels



Source: Caldara et. Al (2020), Baker, Bloom and Davis at www.PolicyUncertainty.com, Deutsche Bank

[US Economic Perspectives: US outlook: Easy come, easy go, little high, little low - Deutsche Bank Research](#)

Timeline of recent tariff developments



Source: Deutsche Bank Research, The New York Times.

Deutsche Bank. [Research](#)

Christian Wietoska | christian.wietoska@db.com | June 2025

Key Theme #2: Tariffs upend growth forecasts

US: More optimistic, but major headwinds in sight



Tariff reprieve leads to improved forecasts, but some fallout is still expected

- ❑ **Real GDP:** 1.6% in 2025 and 1.7% in 2026.
- ❑ **Revised effective tariff rate:** 17%, highest in decades, but anticipated to fall further to ~15%.
- ❑ **Unemployment rate:** 4.3% this year (previously 4.6%).

Federal budget deficits expected to exceed 6.5% over the next several years

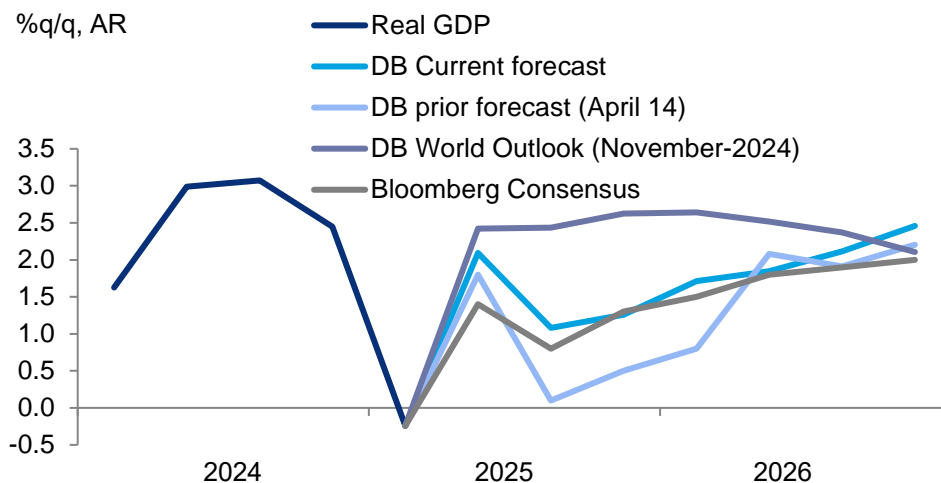
- ❑ **Policy response:** Anticipate a package passed in July that includes:
 - ❑ TCJA extension
 - ❑ \$100-150bn of additional tax cuts per year, mostly focused on households
 - ❑ \$750bn-1tn of headline spending cuts over the next decade
 - ❑ Increased spending on border and defence in the near-term.

US outlook: key forecasts

% change y/y (unless stated)	2024	2025F	2026F	2027F
Real GDP	2.8	1.6↓	1.7↓	2.2↓
CPI	3.0	3.2↓	3.1↓	2.5↑
Government debt, % of GDP	97.3↓	102.1↓	103.3↓	104.7↓
Current account balance, % of GDP	-3.9↑	-4.7↑	-4.2	-4.1
Unemployment rate, %	4.0	4.3↓	4.5↑	4.3

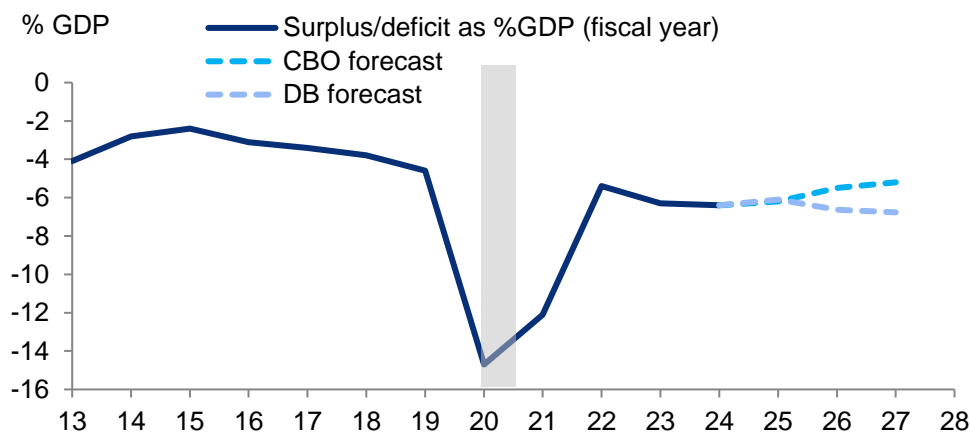
Source: Deutsche Bank Research *Revisions are relative to the previous edition of The House View

DB current growth forecast revised higher and modestly above consensus



Source: BEA, Bloomberg Finance LP, Haver Analytics, Deutsche Bank Research.

Federal budget deficit projected to remain historically elevated in the coming years



Source: CBO, Haver Analytics, Deutsche Bank Research.

US Economic Perspectives: US outlook: [Easy come, easy go, little high, little low – 02-June-2025](#)
World Outlook: [The Limitations of Liberation... – 02-June-2025](#)

Key Theme #2: Tariffs upend growth forecasts

China: outlook still uncertain as tariff break could prove temporary



China's economic activities declined amid trade tensions, but the slowdown was less prominent than feared.

- ❑ **GDP growth:** 4.7% in 2025, higher than our post Liberation Day revision to 4.5%. Upside risks if additional stimulus efforts to reach the PBoC 5% target; downside risks if trade tensions re-escalates.
- ❑ **Tariff rate:** Assume a 25-30% additional US tariff on Chinese products through end-2025.

Policy tailwinds will likely continue in the near term from monetary easing and front-loaded fiscal spending.

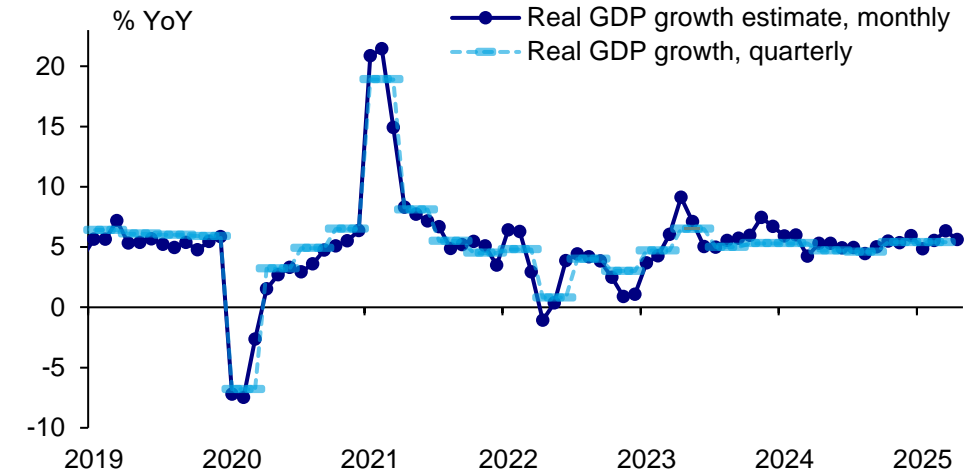
- ❑ With crisis-response mode no longer required, expect more gradual stimulus including a 50bps RRR cut before YE 2025 and further targeted support via lending facilities.
- ❑ YE 2025 policy rate forecast to 1.3% from 1.4%, with only 10bps cut in September.

China outlook: key forecasts

% change y/y (unless stated)	2024	2025 F	2026F
Real GDP	5.0	4.7 [↑]	4.5 [↑]
Private consumption	4.6	5.5 [↓]	5.3
Gov't Consumption	4.8	6.0	5.2
CPI	0.2	0.4 [↓]	1.4 [↓]
Government debt, % of GDP	59.4	65.5 [↑]	71.2 [↑]

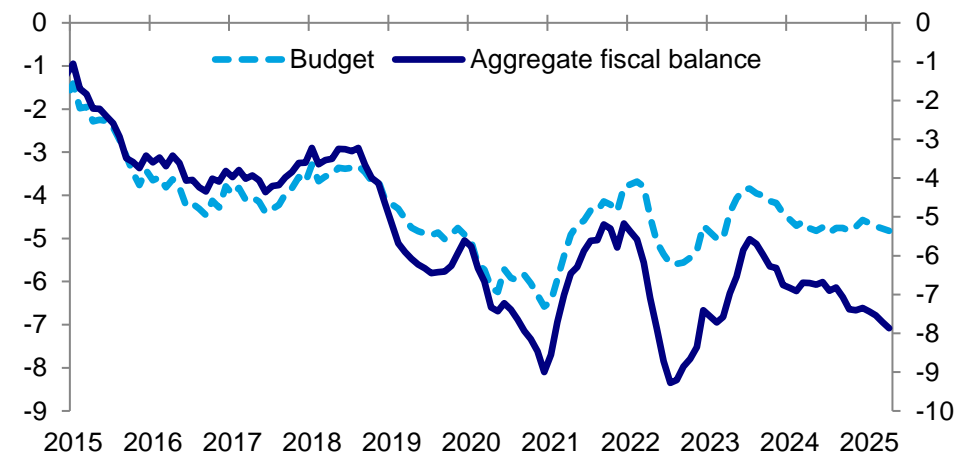
Source: Deutsche Bank Research *Revisions are relative to the previous edition of The House View.

China GDP growth remained above 5% in the first 4 months of 2025...



Source: Deutsche Bank Research, Wind

...as fiscal stance eased and spending accelerated



Source: Deutsche Bank Research, Wind

[World Outlook: The Limitations of Liberation... - 02-June-2025](#)

Key Theme #2: Tariffs upend growth forecasts

Euro Area: Despite tariff shocks, economy has been more resilient than expected



Economic tailwinds from real income growth, strong labour market, ECB rate cuts boosting credit growth and positive sentiment in Germany

- ❑ **GDP:** Revised up to 0.8% (previously 0.5%) for 2025. Defence spending to lift GDP to 1% in 2026 and 1.5% (previously 1.2%) in 2027.
- ❑ **Expect 10% average tariff rate** with more trade headwinds in H2 2025. Uncertainty with 50% tariff threat.
- ❑ **Unemployment:** Lowered forecast to 6.4% (previously 6.8%) in 2025.

Defence spend will currently determine the path of the EU's economy going forward

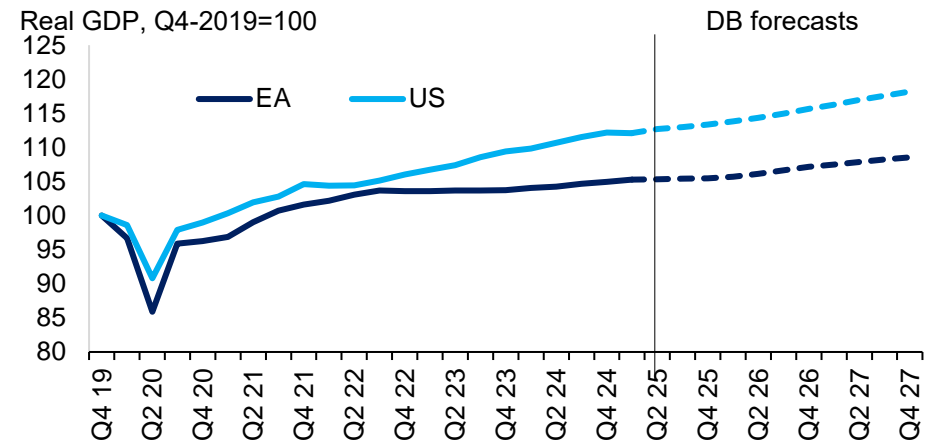
- ❑ EU raising defence spending to 3.5% of GDP, in line with the US (expected announcement on 24-25 June).
- ❑ Constraints: 3.5% core defence spending target will still challenge high-debt member states. EU will likely need to develop innovative common funding solutions to ensure all member states are able to achieve the new NATO spending target.

DB euro-area medium-term macro projections

% change y/y (unless stated)	2024	2025F	2026F	2027F
Real GDP	0.8	0.8↑	1.0	1.5↑
HICP Inflation	2.4	2.0↓	1.7↓	2.0↑
Core Inflation	2.8	2.3↓	1.8↓	1.9↑
Government debt, % of GDP	87.4↓	89.8↓	90.6↓	90.8↓
Unemployment rate, %	6.4	6.4↓	6.4↓	6.3↓

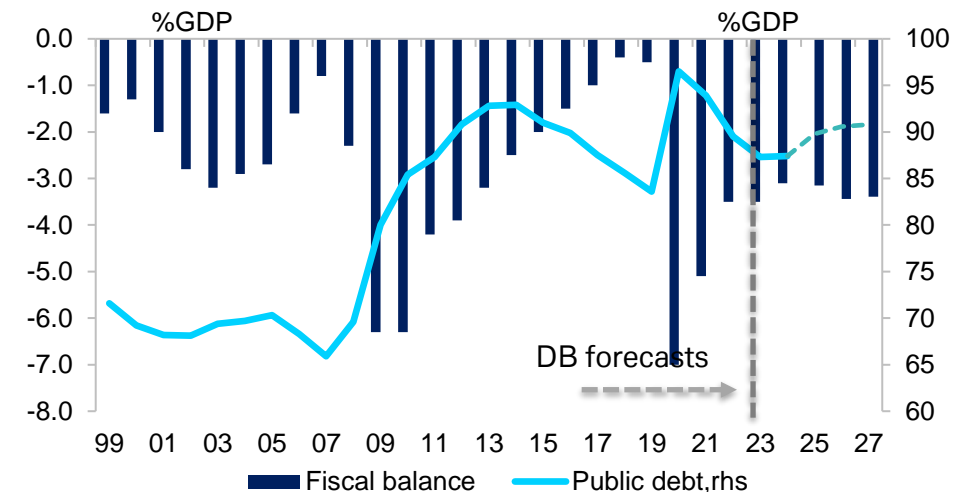
Source: Deutsche Bank Research *Revisions are relative to the previous edition of The House View

EA lagging the US



Source: Deutsche Bank Research, BEA, Eurostat

Public debt is rising again



Source: Deutsche Bank Research, Eurostat, Haver Analytics LP

Focus Europe: Forecast Update: Shocks, resilience and exceptionalism - Deutsche Bank Research

Key Theme #3: Monetary Policy Divergence

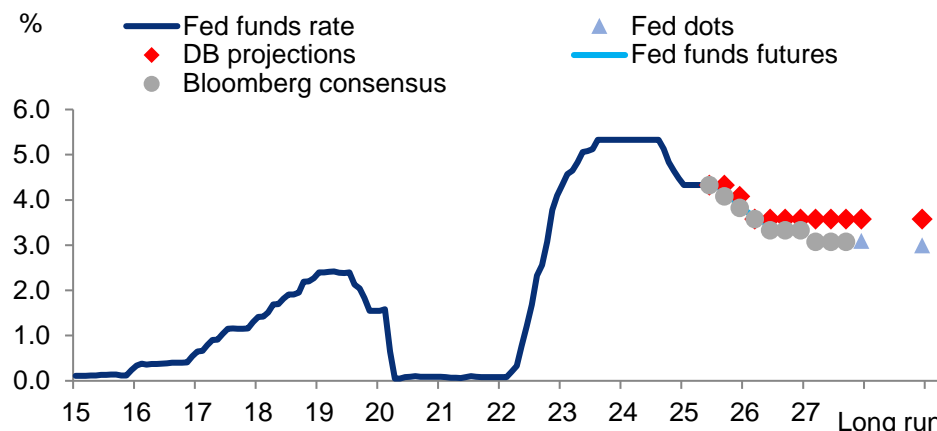
Modest rise in unemployment rate and sticky inflation put Fed on hold for now...



Tariffs will likely undo positive disinflationary pressures that have been in place the past two years

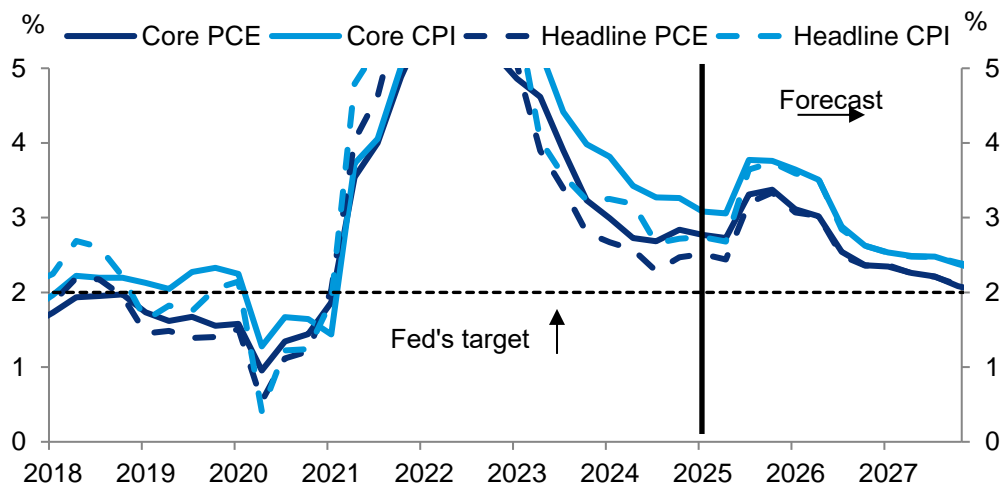
- ❑ **Inflation:** Core CPI ~3.75% in 2025.
 - ❑ Tariffs to lift core PCE inflation towards 3.5% in 2025. Beyond 2025, continue to anticipate inflation on a slow downtrend back to 2% target.
- ❑ **Monetary policy:**
 - ❑ First 25bps cut in December, followed by two more 25bp cuts in Q1 2026.
 - ❑ Fed funds rate to 3.5-3.75%, in line with neutral.
 - ❑ QT: Slowdown QT since April, leaving the MBS runoff cap unchanged and reducing the Treasury cap from \$25bn to \$5bn. We anticipate that runoff will end in Q1 2026.
- ❑ **Risks**
 - ❑ A sharp weakening in the labor market could prompt the Fed to cut earlier; higher-than-anticipated inflation to keep the Fed on hold for longer.
 - ❑ Rate hikes also a possibility if fiscal policy sparks concerns around demand-driven inflation or inflation expectations become unanchored.

DB expects the first rate cut in December and nominal neutral of 3.5%, which are somewhat hawkish relative to other forecasts



Source: FRB, Bloomberg Finance LP, Haver Analytics, Deutsche Bank Research. Note: Bloomberg consensus is as of June 03, 2025.

Tariffs likely to reverse disinflation progress in 2025/26



Source: Deutsche Bank Research.

[US Economic Perspectives: US outlook: Easy come, easy go, little high, little low – 02-June-2025](#)
[Fed Notes: Is the Fed at neutral? – Deutsche Bank Research](#)

Key Theme #3: Monetary Policy Divergence

...while the ECB will likely be forced to cut to 1.5% in 2025



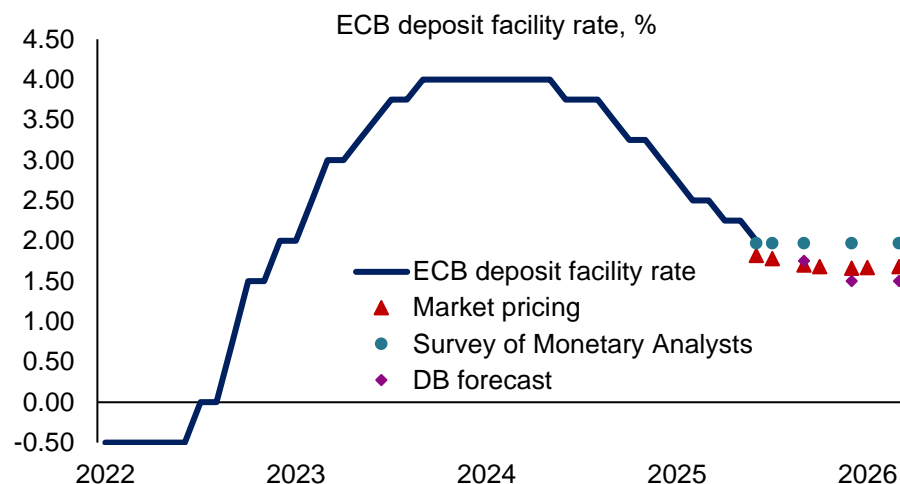
□ Inflation to undershoot

- HICP inflation to average 2% in 2025 and 1.7% in 2026.
- Core inflation 2.3% in 2025 and 1.8% in 2026.
- Disinflation driven by euro FX appreciation, energy price declines, underlying weaker domestic demand entrenched and trade diversion due to China.

□ Monetary policy outlook

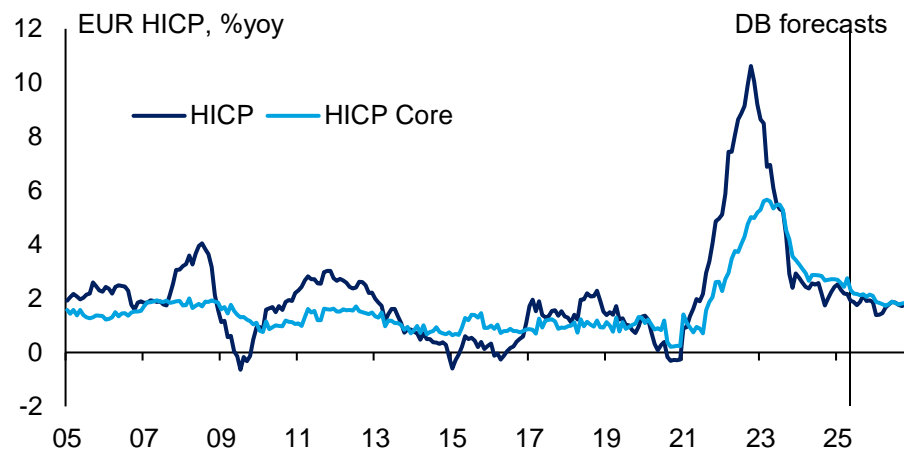
- Cuts of 25bps expected in Sep & Dec 2025.
- Terminal rate seen at 1.50%, though recent macro resilience and prospect of bid defence spending pose upside challenges.
- Rate hikes to 1.75% in late 2026, and to 2.50% in 2027 amid rising defence spending.
- Full QT and no PEPP reinvestments through 2026.

ECB rate could fall to 1.5%



Source: Deutsche Bank, ECB, Bloomberg Finance LP

HICP inflation expected at 2% in 2025 and 1.7% in 2026



Source: Deutsche Bank, Eurostat, Haver Analytics LP

[Focus Europe: Forecast Update: Shocks, resilience and exceptionalism – 03-June-2025](#)
[World Outlook: The Limitations of Liberation... - 02-June-2025](#)

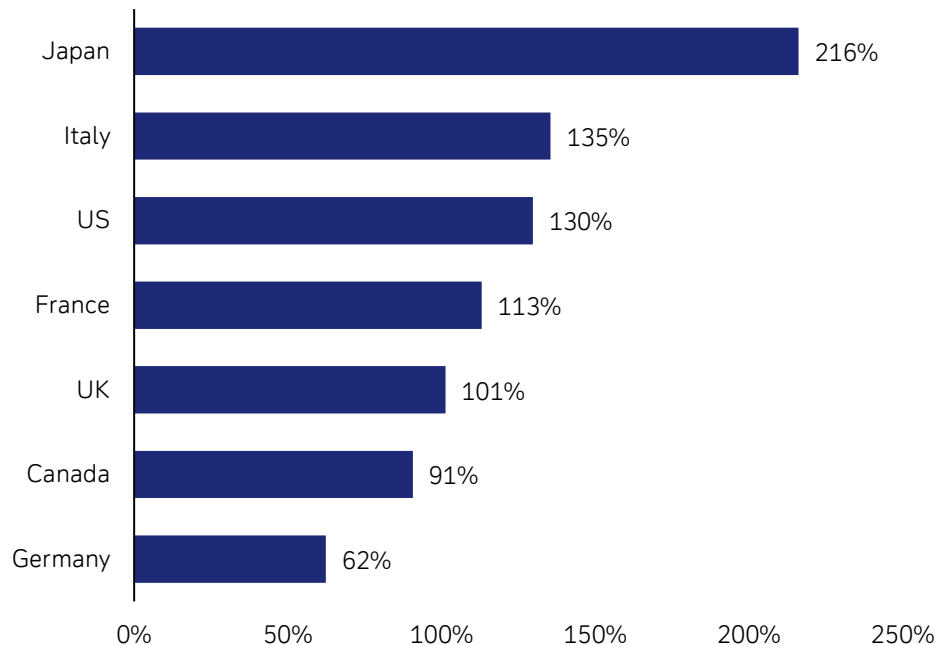


Key Theme #4: Debt sustainability

High debt levels, with the US under the spotlight

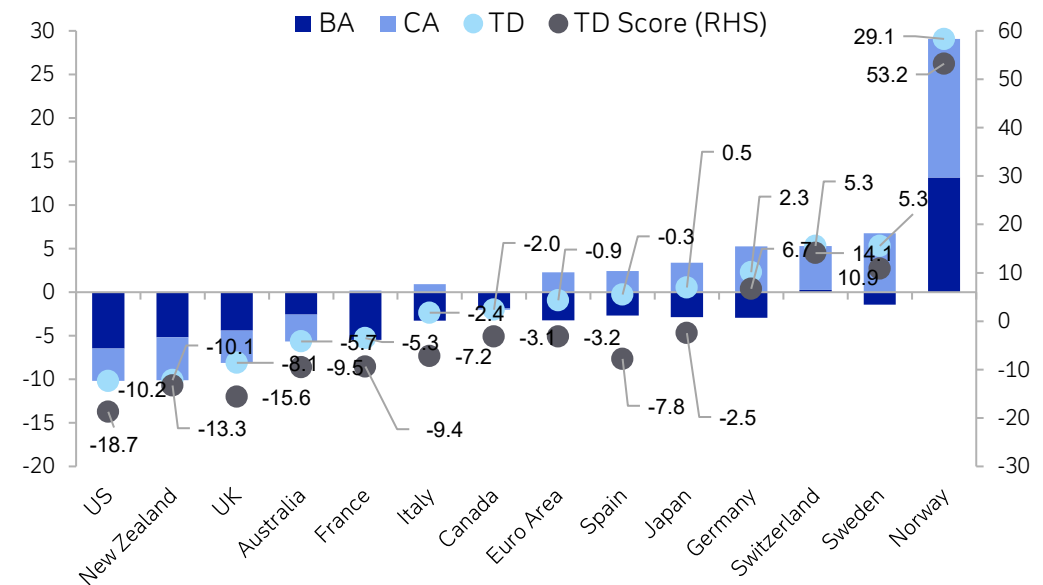
- ❑ **Shrinking fiscal/monetary space.** Japan, Italy, and the US debt level >130% of GDP. 8 EU countries face Excessive Deficit Procedures. Europe's 3.5% core defence spending target will challenge high-debt member states (e.g. France, Greece, Italy). Finally, rising long-end bond yields are posing concerns given plans for expanded deficits across multiple major economies.
- ❑ **US fiscal risks rising:** Proposed "Big, Beautiful Bill" would raise the debt ceiling by \$4tn. Federal budget deficits estimated >6.5% of GDP under Trump.
- ❑ **Foreign outflow:** Global investors are retreating from US Treasuries, amidst Moody's downgrade, questions of debt sustainability, and breakdown in US reputation.
- ❑ **Growth issues:** Concerns of US debt sustainability risks global tightening of financial conditions.

General government debt as % of GDP for G7 (2024)



Source: Deutsche Bank Research, Bloomberg Finance LP.

G10 Twin Deficits (% of GDP, 2025)



Source: Deutsche Bank Research, Haver Analytics LP, Bloomberg Finance LP, IMF
[Global Fixed Income Weekly: Strategy Update -31-May-2025](#)

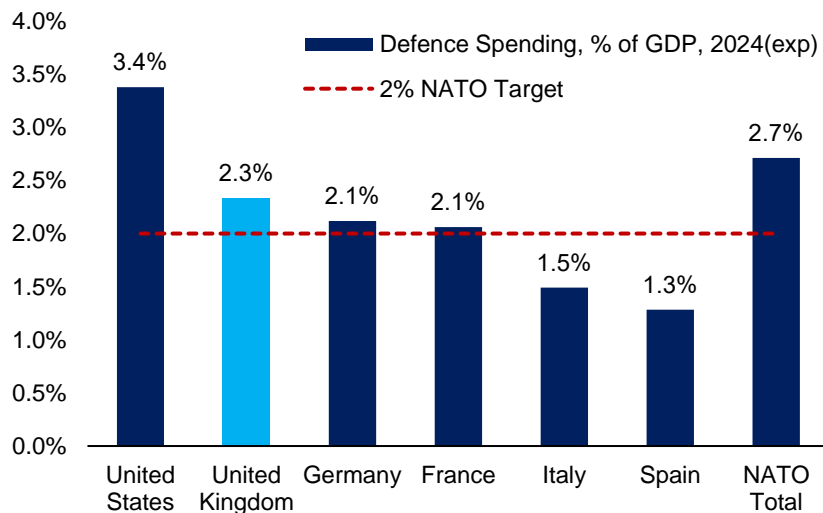
Key Risk #5: Geopolitical flashpoints

Middle East, Russia/Ukraine, Asia tensions, and critical minerals



- ❑ **Middle East:** Israel and Iran continue to exchange strikes. US involvement with larger repercussions for the security situation in the region remains on the table, with the US decision expected within two weeks. In the meantime, negotiations continue. Over in Gaza, the situation has seen little change after hopes for another ceasefire in May were dispelled.
- ❑ **Russia/Ukraine:** Ceasefire possible within 6-12 months, but conditions not yet aligned. War has led to major rearmament, especially in Germany. EU defence spending to reach ~2.5-3.5% of GDP from 2032.
- ❑ **Asia tensions:** India/Pakistan crisis in May; US defence secretary said on May 31 that a Chinese military attack on Taiwan "could be imminent."
- ❑ **Critical minerals race:** China's export ban on rare earth metals is disrupting auto and defence supply chains. Temporary reprieve granted to 3 US automakers (June 5), but short-term disruptions persist. Longer-term impact will accelerate US decoupling (DOD in 2022 initiated an action plan to address defence vulnerabilities). Short-term, Trump struck a critical minerals deal with Ukraine, declared he would annex Greenland, and is exploring deep-sea mining.

Defence spending, % of GDP, US, UK, and EU Big 4

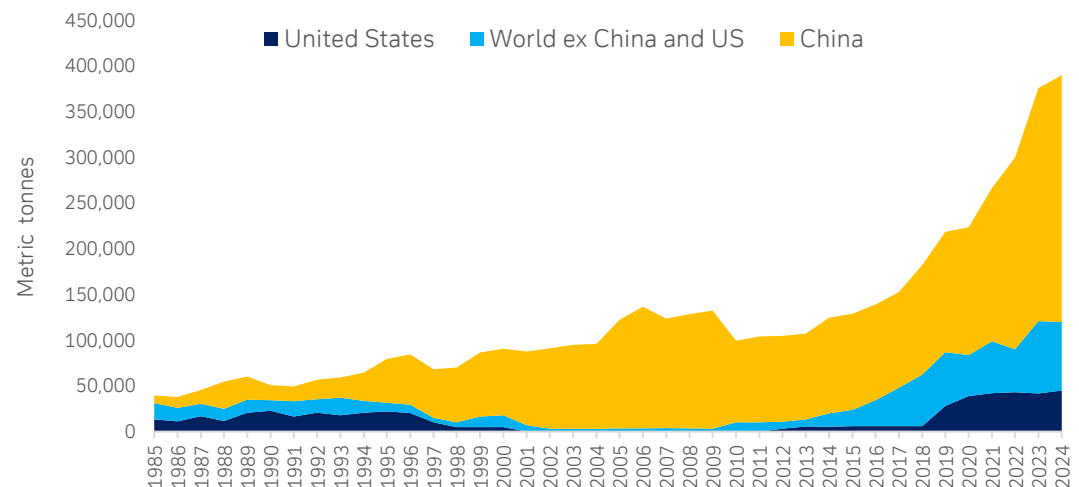


Source: Deutsche Bank Research, Bloomberg Finance LP.

[UK economics notes: Defending Europe – The UK Perspective – 02-June-2025](#)

[Thematic Research: CHARTBOOK: Rare Earth Metals 101 - Deutsche Bank Research](#)

China dominates the rare earths supply chain



Source: Deutsche Bank Research, Bloomberg Finance LP.

[Thematic Research: CHARTBOOK: Rare Earth Metals 101 - Deutsche Bank Research](#)



Gulf Cooperation Council (GCC)

Credit Snapshot: GCC region with best credit ratings across the world



Country	S&P Global			Fitch		Moody's		credit score	Country	S&P Global			Fitch		Moody's		credit score						
	IG/HY	Current	Outlook	Current	Outlook	Current	Outlook			IG/HY	Curren	Outlook	Current	Outlook	Current	Outloo							
UAE	IG	AA	STABLE	AA	STABLE	Aa2	STABLE	3.0	Ivory Coast	HY	BB	STABLE	BB-	STABLE	Ba2	STABLE	12.3						
Qatar	IG	AA	STABLE	AA	STABLE	Aa2	STABLE	3.0	South Africa	HY	BB-	POSITIVE	BB-	STABLE	Ba2	STABLE	12.4						
South Korea	IG	AA	STABLE	AA-	STABLE	Aa2	STABLE	3.3	Georgia	HY	BB	STABLE	BB	NEGATIVE	Ba2	NEGATIVE	12.4						
Saudi Arabia	IG	A+	STABLE	A+	STABLE	Aa3	STABLE	4.7	Albania	HY	BB	STABLE	NR	N.A.	Ba3	STABLE	12.5						
Kuwait	IG	A+	STABLE	AA-	STABLE	A1	STABLE	4.7	Jamaica	HY	BB-	POSITIVE	BB-	POSITIVE	B1	POSITIVE	12.6						
Bermuda	IG	A+	STABLE	WD	N.A.	A2	STABLE	5.5	Uzbekistan	HY	BB-	POSITIVE	BB-	STABLE	Ba3	STABLE	12.8						
China	IG	A+	STABLE	A	STABLE	A1	NEGATIVE	5.5	Jordan	HY	BB-	STABLE	BB-	STABLE	Ba3	STABLE	13.0						
Chile	IG	A	STABLE	A-	STABLE	A2	STABLE	6.3	Armenia	HY	BB-	STABLE	BB-	STABLE	Ba3	STABLE	13.0						
Poland	IG	A-	STABLE	A-	STABLE	A2	STABLE	6.7	Türkiye	HY	BB-	STABLE	BB-	STABLE	B1	POSITIVE	13.1						
Croatia	IG	A-	POSITIVE	A-	STABLE	A3	STABLE	6.8	Namibia	HY	NR	N.A.	BB-	STABLE	B1	POSITIVE	13.1						
Israel	IG	A	NEGATIVE	A	NEGATIVE	Baa1	NEGATIVE	7.3	Montenegro	HY	B+	STABLE	NR	N.A.	Ba3	STABLE	13.5						
Malaysia	IG	A-	STABLE	BBB+	STABLE	A3	STABLE	7.3	Honduras	HY	BB-	NEGATIVE	NR	N.A.	B1	STABLE	13.8						
Bulgaria	IG	BBB	POSITIVE	BBB	POSITIVE	Baa1	STABLE	8.2	Mongolia	HY	B+	POSITIVE	B+	STABLE	B2	STABLE	14.1						
Uruguay	IG	BBB+	STABLE	BBB	STABLE	Baa1	STABLE	8.3	Bahrain	HY	B+	NEGATIVE	B+	NEGATIVE	B2	STABLE	14.8						
Philippines	IG	BBB+	POSITIVE	BBB	STABLE	Baa2	STABLE	8.4	Nigeria	HY	B-	STABLE	B	STABLE	B3	STABLE	15.7						
Peru	IG	BBB-	STABLE	BBB	STABLE	Baa1	STABLE	9.0	Egypt	HY	B-	STABLE	B	STABLE	Caa1	POSITIVE	15.7						
Kazakhstan	IG	BBB-	STABLE	BBB	STABLE	Baa1	STABLE	9.0	El Salvador	HY	B-	STABLE	B-	STABLE	B3	STABLE	16.0						
Indonesia	IG	BBB	STABLE	BBB	STABLE	Baa2	STABLE	9.0	Angola	HY	B-	STABLE	B-	STABLE	B3	STABLE	16.0						
Mexico	IG	BBB	STABLE	BBB-	STABLE	Baa2	NEGATIVE	9.5	Kenya	HY	B-	STABLE	B-	STABLE	Caa1	POSITIVE	16.1						
Hungary	IG	BBB-	NEGATIVE	BBB	STABLE	Baa2	NEGATIVE	9.7	Senegal	HY	B	NEGATIVE	NR	N.A.	B3	NEGATIVE	16.1						
India	IG	BBB-	POSITIVE	BBB-	STABLE	Baa3	STABLE	9.8	Iraq	HY	B-	STABLE	B-	STABLE	Caa1	STABLE	16.3						
Oman	HY	BBB-	STABLE	BB+	POSITIVE	Ba1	POSITIVE	10.2	Pakistan	HY	CCC+	STABLE	B-	STABLE	Caa2	POSITIVE	16.7						
Azerbaijan	HY	BB+	STABLE	BBB-	STABLE	Ba1	POSITIVE	10.4	Tunisia	HY	NR	N.A.	CCC+	N.A.	Caa1	STABLE	17.0						
Paraguay	HY	BB+	POSITIVE	BB+	STABLE	Baa3	STABLE	10.4	Ecuador	HY	B-	NEGATIVE	CCC+	N.A.	Caa3	STABLE	17.6						
Serbia	HY	BBB-	STABLE	BB+	POSITIVE	Ba2	POSITIVE	10.5	Mozambique	HY	CCC+	N.A.	CCC	N.A.	Caa2	STABLE	17.7						
Panama	IG	BBB-	STABLE	BB+	STABLE	Baa3	NEGATIVE	10.5	Argentina	HY	CCC	N.A.	CCC+	N.A.	Caa3	POSITIVE	17.7						
Romania	IG	BBB-	NEGATIVE	BBB-	NEGATIVE	Baa3	NEGATIVE	10.6	Gabon	HY	NR	N.A.	CCC	N.A.	Caa2	STABLE	18.0						
Morocco	HY	BB+	POSITIVE	BB+	STABLE	Ba1	STABLE	10.8	Bolivia	DS	CCC+	NEGATIVE	CCC-	N.A.	Ca	STABLE	18.9						
Colombia	HY	BB+	NEGATIVE	BB+	NEGATIVE	Baa2	NEGATIVE	11.0	Sri Lanka	DS	SD	STABLE	CCC+	N.A.	Caa1	STABLE	19.3						
Trin. & Tob.	HY	BBB-	STABLE	NR	N.A.	Ba2	STABLE	11.0	Ghana	DS	CCC+	STABLE	RD	N.A.	Caa2	POSITIVE	19.4						
Guatemala	HY	BB+	STABLE	BB	POSITIVE	Ba1	STABLE	11.1	Belarus	DS	NR	N.A.	WD	N.A.	C	STABLE	21.0						
Vietnam	HY	BB+	STABLE	BB+	STABLE	Ba2	STABLE	11.3	Zambia	DS	SD	N.A.	RD	N.A.	Caa2	POSITIVE	21.7						
Brazil	HY	BB	STABLE	BB	STABLE	Ba1	STABLE	11.7	Ethiopia	DS	SD	STABLE	RD	N.A.	Caa3	STABLE	22.3						
Costa Rica	HY	BB-	POSITIVE	BB	POSITIVE	Ba3	POSITIVE	11.9	Ukraine	DS	SD	N.A.	RD	N.A.	Ca	STABLE	22.7						
Macedonia	HY	BB-	STABLE	BB+	STABLE	NR	N.A.	12.0	Lebanon	DS	SD	NEGATIVE	WD	N.A.	C	STABLE	22.8						
Dom. Rep.	HY	BB	STABLE	BB-	POSITIVE	Ba3	POSITIVE	12.2	Note: NA denotes rating or outlook not available, NR means not rated														



The importance of the region

Global Energy Market: GCC's crucial role in global oil & gas production and reserves



- The region holds 30-40% of the world's proven oil reserves + accounts for 20-25% of total crude oil production (with Saudi Arabia and UAE accounting for ~75%).
- The region holds 20% of gas reserves and provides 10-15% of the world's gas production (with Qatar and Saudi accounting for ~65%).
- **Swing productions:** Particularly Saudi Arabia has the capacity to act as “swing producer” balance global supply & demand and stabilize prices during market volatility
- **OPEC influence:** particularly Saudi Arabia with strong impact on production policies
- **LNG exports:** Qatar as major player supplying a significant share of the world's LNG demand
- **Heavy investments in energy infrastructure:** significant competitive advantage compared to other oil producer



Strategic location:

- Situated along major shipping routes (Persian Gulf & the Red Sea) and at the crossroads of Asia, Africa and Europe: gives significant influence over transportation of oil & gas to global markets (+ geopolitical importance)

Regional influence:

- **Key Players in Middle East Politics:** considerable influence on regional political dynamics, often mediating conflicts and shaping alliances (Yemen conflict, Libya conflict, relationship with Egypt, Abraham Accords)
- **Financial and Political Support:** Provides backing to various actors and initiatives across the MENA region, impacting regional stability and development (Humanitarian aid, investments in infrastructure projects, counter-terrorism efforts).

International relations:

- Strong ties with major powers (USA, China and Europe)
- **Investments and Economic Partnerships:** sovereign wealth funds play a crucial role
- **Median and Diplomacy:** Actively engages to resolve regional and international conflicts, promoting peace and stability.



Sovereign Wealth Fund (SWF) investments

- **Global reach:** PIF, ADIA and QIA are among the largest and most active SWFs in the world, investing in a wide range of assets across the globe (real estate, infrastructure, technology, and financial institutions)
- **Strategic acquisitions:** key sector investments (technology: PIF's investment in Uber), real estate (QIA's investment in Canary Wharf in London), and infrastructure (ADIA's investment in airports and ports).
- **Supporting innovations:** GCC SWFs invest in venture capital and private equity funds, particularly in high-growth sectors such as technology and renewable energy. This helps to drive global technological advancements.

Financial Centers

- Dubai International Financial Centre (DIFC) and Abu Dhabi Global Market (ADGM) have established itself as leading financial hubs in the region, attracting foreign capital
- **Islamic Finance:** The GCC region is a center for Islamic finance, with Islamic banks and financial institutions playing a significant role in the global financial system.
- **Aviation Hubs:** The growth of international airlines such as Emirates, Qatar Airways, and Etihad have made GCC countries key aviation hubs, facilitating global travel and trade.



Opportunities



Renewable energy transition – a green future

Ambitious plan to invest in renewable energy + to become leading player – key advantages: job creation, reduced reliance on fossil fuels, environmental sustainability

- **Saudi Arabia:** Vision 2030 with plans of up to 50% of its electricity from renewable sources
- **UAE:** net-zero emissions by 2050 (with > USD 50bn investments)
- **Qatar:** large-scale developments of solar power plants

Strategic Investments and Diversification of SWFs

Beyond oil with long-term vision on domestic investments (increasing) and focus on global diversification

- **Saudi Arabia:** PIF at the heart of Saudi's 2030 vision / Giga-projects / NEOM investments
- **UAE:** ADIA with highly diversified global portfolio / opening up to global financial experts has made ADIA one of the most important global players
- **Qatar:** Strategic acquisitions of QIA with investments in Volkswagen, Barclays

Tourism and Hospitality – a growing sector

The GCC region is one of the fastest-growing areas for tourism and hospitality /

- **UAE:** Dubai, most established tourism destination in GCC region with focus on business tourism / Abu Dhabi with focus on adventure tourism
- **Saudi Arabia:** focus on religious tourism and luxury resorts (red sea project).
- **Qatar:** cultural experiences and sports tourism (post 2022 FIFA World Cup).
- **Oman:** focus on nature / **Bahrain:** focus on historical sites & motorsports



Challenges



Geopolitical risks and regional instability

- Iran-GCC tensions or Yemen conflict
- Regional power struggles (increases risks of political instability and uncertainty)
- Cyberattacks on critical infrastructure: GCC is becoming more vulnerable
- Terrorism and Extremism The threat of terrorism from groups such as ISIS and al-Qaeda remains a concern in the GCC region
- **Economic instability:** If global markets are in turmoil, that would have ripple effects to the GCC area that rely on global markets.

Fiscal sustainability and debt management

- The importance of sound fiscal policies amid oil price volatility / quickly rising debt levels increase risks of excessive burdening for future generations
- Diversification remains crucial but still limited non-oil revenues (due to low taxes and fees)
- High subsidies and still improving public sector efficiencies
- Improving debt management strategies & promoting private sector growth

Labor market challenges and skills gap

- GCC with large population growth which increases the need to create jobs for a growing workforce
- Significant investments into education and training, however, still wide skills gap
- Housing and infrastructure requires significant investments



GCC outlook H2-25: what to watch out for

A rebound in growth



- A **rebound in growth** is expected, albeit at a modestly slower pace (than originally anticipated) amid an expected slowdown in global demand.
- The **direct impact of tariffs** remains modest given limited trade exposure to the US (though UAE remains top 5 supplier of aluminium to the US).
- That said, an **indirect (significant) effect** could be felt through lower oil prices, a slowdown in global demand, especially as China remains top trading partner in the GCC, tight financial conditions in line with the Fed.

Saudia Arabia:

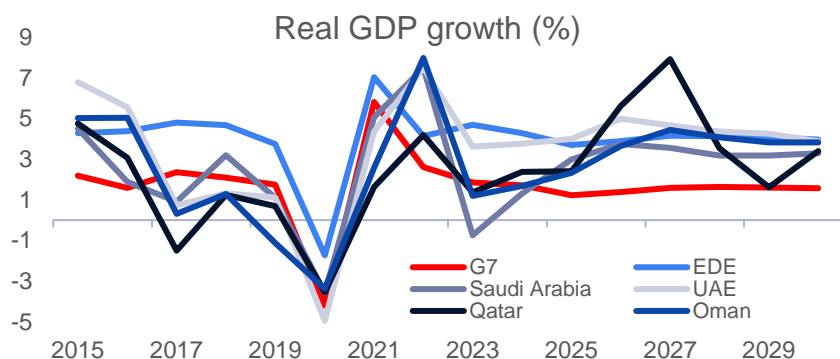
- Growth is expected to rebound on the back of a (strong) non-oil sector and a gradual reversal in oil production cuts in line with OPEC+ agreement.
- In the medium term, the 2029 Asian Winter Games, 2027 AFC Asian Cup, and World Expo 2030 are some of the supportive projects expected to further boost the contribution of the non-oil sector.

Qatar:

- Notwithstanding a short period of post World Cup normalization, growth rebounded strongly in 2024, reaching 2.4%.
- Going forward, we expect growth to see further recovery on the back of continued investments in both the non-oil and oil sectors. The first phase of the North Field (the world's largest LNG project) is expected to come on stream in 2026, significantly enlarging Qatar's LNG production capacity. This strong momentum is expected to persist in 2027 as Qatar further advances with its planned expansion

UAE:

- Economic activity grew by 4% in 2024, driven by 5% growth in the non-oil sector (which constitutes about 75.5% of GDP) amid strong domestic and external demand for the country.
- Overall, we expect the UAE economy to see further growth recovery in 2025-2026, further supported a reversal in oil production cuts, in line with OPEC+ agreements.



	Real GDP (%)		
	2024	2025F	2026F
GCC			
Qatar	1.6	2.1	5.6
Saudi Arabia	2.0	4.1	4.8
United Arab Emirates	3.9	4.8	5.2

Inflation staying well contained



- **Inflation** to remain well contained across the GCC countries, albeit housing inflation in UAE and KSA is expected to remain relatively high amid strong domestic and external demand.
- **Lower monetary policy rates** are expected in GCC in 2025, but global uncertainty risks keeping rates higher for a prolonged period.

Saudia Arabia:

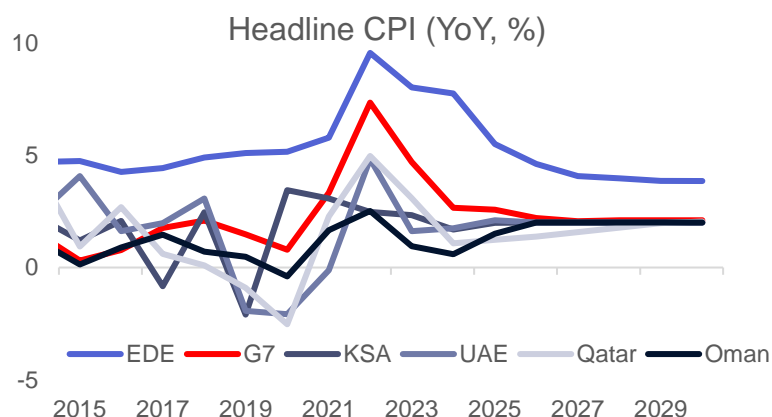
- Headline inflation has spiked above 2% YoY. This was driven largely by housing inflation (the largest component with ~25% weight in the CPI basket). BUT slower pace of growth in housing prices over the past few months (from peak of 10% in October). Overall, we expect inflation to hover around 2% for 2025-26 period.
- In terms of monetary policy developments, SAMA moves in tandem with the Fed's monetary cycle given its pegged exchange regime.

Qatar:

- Inflation is expected to remain well contained. Overall, this environment is well supportive of further rates cut, which we expect the central bank to implement in line with the Fed's easing cycle.

UAE:

- Headline inflation remains relatively low in the UAE, having reached about 1.7% in 2024 (monthly data remain lagging).
- Overall, we expect inflation to hover around 2% in 2025 and 2026.
- Monetary policy to follow suit with the Fed. So far, the CBUAE cut its policy rate by 50bps, taking its Base Rate to 4.4% in Q4, 2024. We expect further cuts this year in line with our view for the Fed. That said, global and geopolitical headwinds could result in higher for longer rates.



GCC

	Consumer prices (% pavg)		
	2024	2025F	2026F
Qatar	1.2	1.7	1.9
Saudi Arabia	1.6	2.0	2.0
United Arab Emirates	1.7	2.0	2.0

Geopolitics drive the oil price and in turn the budgets



- Initially a moderation in **oil prices** was expected to weigh on oil-exporting GCC economies, but they maintain policy space to weather oscillations in oil prices in the near-term, including through higher taxation and/or reduction in energy subsidies and containment of public wage bill. However, the ongoing Israel – Iran conflict is complicating prospects of stability in the Middle East.

Saudia Arabia:

- When it comes to the budget, we expect a significant widening in the deficit to about 5% for both 2025 and 2026. Against this, debt is expected to reach 31.4% and 35% of GDP by 2026.
- Going forward, the country will continue to play a balancing act between supporting its giga-projects (i.e., high capex) and ensuring continued fiscal sustainability. That said, the kingdom still possesses a fiscal space, which it can utilize to weather oscillations in oil prices.

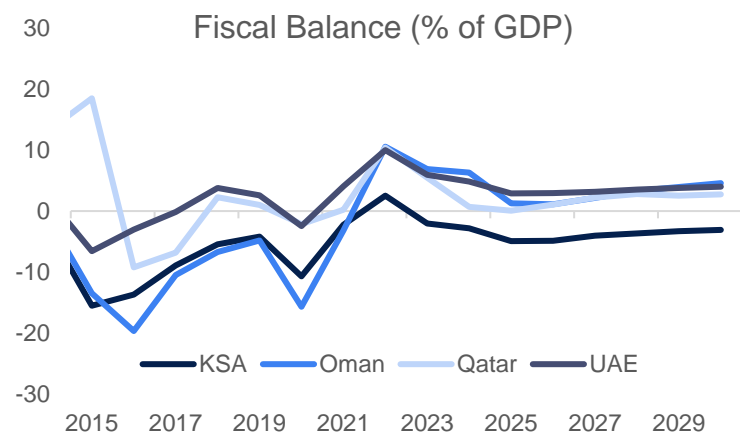
Qatar:

- Against the backdrop of a less supportive hydrocarbon environment, fiscal and external balances are expected to witness some narrowing this year, albeit an escalation of the Iran – Israel conflict could sustain higher oil prices for a prolonged period.
- Qatar's strengthened FX position will continue to enable it to weather tighter global conditions and oscillation in oil prices.

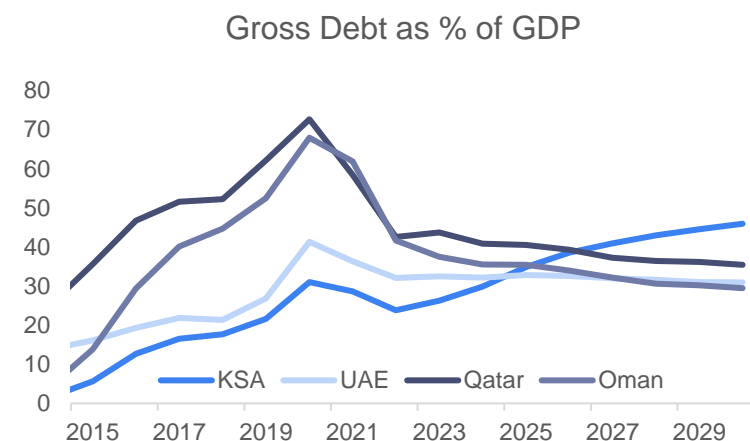
UAE:

- Fiscal position remains relatively strong and is expected to remain in surplus territory in the medium-term, supported by the UAE increased production capacity.

Fiscal Balance: a moderation underway in line with a less favourable oil environment



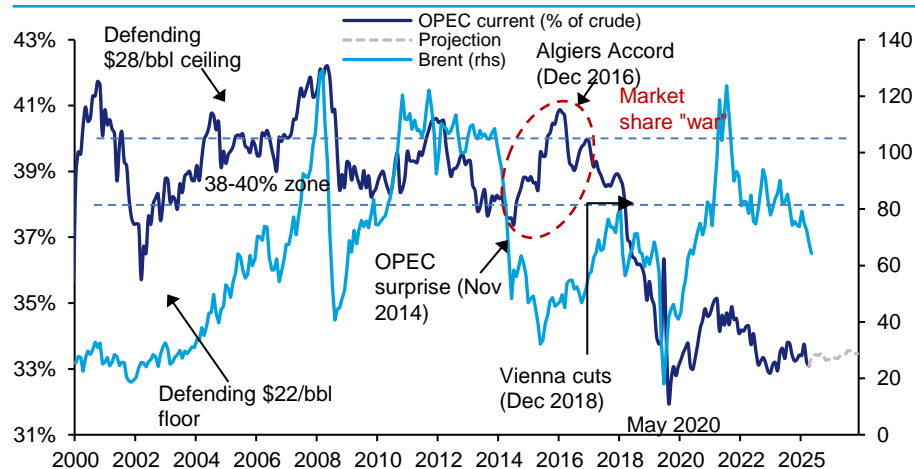
Debt trajectory: higher capex and lower oil are expected to lead to higher debt levels in KSA



Geopolitics drive the oil price and in turn the budgets



OPEC market share to remain near lower end of range since 2000



Source: IEA data from Monthly Oil Data Service © OECD/IEA 2024, www.iea.org/statistics, License: www.iea.org/t&c; as modified by Deutsche Bank

Table of scenario oil prices, taking effect Q3-25

	50% reduction to Iranian exports	100% reduction to Iranian exports	-1.5 mmb/d for 2 months	Strait of Hormuz for 2 months
2025 Q2	74	74	74	74
Q3	74	77	75	124
Q4	69	75	69	113
2026 Q1	62	71	61	100
Q2	59	70	56	93
Q3	59	73	55	91
Q4	57	74	52	86

Source: IEA data from Monthly Oil Data Service © OECD/IEA 2024, www.iea.org/statistics, License: www.iea.org/t&c; as modified by Deutsche Bank

Oil price fiscal breakeven levels

MENA exporting countries	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Algeria	84	108	123	108	135	107	104	92	102	107	90	111	113	104	156	157
Bahrain	120	128	133	147	112	118	106	112	118	99	121	132	132	138	161	137
Iran	112	140	99	136	95	42	57	55	74	167	228	119	123	123	138	163
Iraq	89	99	103	122	102	59	51	43	46	53	57	54	69	80	84	79
Kuwait		46	44	45	70	60	56	64	75	72	63	87	82	80	88	80
Libya	65	149	63	136	204	143	175	82	48	36	142	52	64	66	73	67
Oman	67	78	103	102	101	97	100	82	77	65	86	77	55	54	54	57
Qatar	65	63	67	60	53	49	49	47	50	51	49	48	49	50	47	45
Saudi Arabia	68	77	78	89	106	94	84	82	87	81	73	83	89	95	96	92
United Arab Emirates	75	89	77	77	92	78	56	56	57	54	52	53	47	46	50	50
Yemen, Rep	130	195	237	215	160	305	364	125								



Saudi Arabia:

- A potential decline in global demand, particularly from China is one key risk (e.g., est. show medium-term non-oil growth could drop by 2% following 1% decline in China's growth). Inefficient spending and/or overheating are also a risk.

Qatar

- **Downside risks** could stem from a potential decline in global demand, and/or collapse in hydrocarbon prices. Geopolitically, mounting pressures from the ongoing Iran – Israel conflict could pose a significant risk for Qatar given that the latter shares South Pars gas field with Iran, albeit risks seem to be contained for the time being.

UAE

- A slowdown in global growth amid trade wars (particularly that of China) and oscillation in oil prices are some of the main risks to our outlook. In addition, the ongoing conflict between Iran and Israel, which led to (a temporary) closure of the air space of Iraq, Lebanon, and Jordan, could have some impact on the tourism and transportation sector (if sustain for a prolonged period).



Saudi Arabia: Deutsche Bank Forecasts

	2023	2024	2025F	2026F
National Income				
Nominal GDP (USDbn)	1 219	1 238	1 225	1 247
Population (mn)	33.7	35.3	34.6	35.2
GDP per capita (USD)	36 157	35 057	35 406	35 440
Real GDP (YoY%)	0.5	2.0	4.1	4.8
Prices, Money and Banking (YoY%)				
CPI (eop)	1.5	1.9	2.0	2.0
CPI (annual avg)	2.3	1.6	2.0	2.0
Fiscal Accounts (% of GDP)				
Fiscal balance	- 2.0	- 2.8	- 4.9	- 5.1
Revenue	26.5	27.1	24.7	24.3
Expenditure	28.3	29.6	29.7	29.4
Debt Indicators (% of GDP)				
Government Debt	23.0	26.2	31.4	35.9
Financial Markets				
Key official interest rate (eop)	6.00	5.00	4.75	4.25
USD/SAR	3.75	3.75	3.75	3.75

Source: Deutsche Bank

Forecast tables



United Arab Emirates: Deutsche Bank Forecasts

	2023	2024	2025F	2026F
National Income				
Nominal GDP (USDbn)	514	544	567	601
Population (mn)	10.7	10.8	11.0	11.2
GDP per capita (USD)	48 146	50 233	51 501	53 778
Real GDP (YoY%)				
	3.6	3.9	4.8	5.2
Prices, Money and Banking (YoY%)				
CPI (annual avg)	1.6	1.7	2.0	2.0
Fiscal Accounts (% of GDP)				
Fiscal balance	4.5	4.6	4.2	4.1
External Accounts (USD bn)				
Goods Exports	373.7	393.5	404.7	406.0
Goods Imports	308.5	328.5	344.6	350.8
Trade Balance	65.2	65.0	60.1	55.2
% of GDP	12.7	11.9	10.6	9.2
Current Account Balance	52.7	51.2	46.2	44.5
% of GDP	10.2	9.4	8.2	7.4
Financial Markets				
Key official interest rate (eop)	5.40	4.40	4.15	3.65
Exchange rate	3.67	3.67	3.67	3.67

Source: Deutsche Bank

Forecast tables



Qatar: Deutsche Bank Forecasts

	2023	2024	2025F	2026F
National Income				
Nominal GDP (USDbn)	217	219	227	242
Population (mn)	3.0	3.0	3.1	3.2
GDP per capita (USD)	73 020	72 909	73 180	75 735
Real GDP (YoY%)	1.2	1.6	2.4	5.6
Prices, Money and Banking (YoY%)				
CPI (annual avg)	3.0	1.2	1.7	1.9
Fiscal Accounts (% of GDP)				
Fiscal balance	5.6	3.2	2.6	3.8
Revenue	32.8	29.1	27.2	28.1
Expenditure	27.3	25.9	24.6	24.4
External Accounts (USD bn)				
Goods Exports	97.7	94.6	92.7	102.0
Goods Imports	29.4	32.1	32.4	34.6
Trade Balance	68.3	62.5	60.3	67.4
% of GDP	32.1	28.2	26.6	27.8
Current Account Balance	36.5	29.4	26.4	31.1
% of GDP	17.1	13.3	11.6	12.8
USD/QAR (eop)	3.64	3.64	3.64	
Financial Markets				
Key official interest rate (eop)	6.00	4.85	4.60	4.10
USD/QAR (eop)	3.64	3.64	3.64	3.64

Source: Deutsche Bank

Appendix 1

Important Disclosures



*Other information available upon request

*Prices are current as of the end of the previous trading session unless otherwise indicated and are sourced from local exchanges via Reuters, Bloomberg and other vendors . Other information is sourced from Deutsche Bank, subject companies, and other sources. For further information regarding disclosures relevant to Deutsche Bank Research, please visit our global disclosure look-up page on our website at <https://research.db.com/Research/Disclosures/FICCDisclosures> . Aside from within this report, important risk and conflict disclosures can also be found at <https://research.db.com/Research/Disclosures/Disclaimer> . Investors are strongly encouraged to review this information before investing.

Analyst Certification

The views expressed in this report accurately reflect the personal views of the undersigned lead analyst(s). In addition, the undersigned lead analyst(s) has not and will not receive any compensation for providing a specific recommendation or view in this report. Christian Wietoska.



Additional Information

The information and opinions in this report were prepared by Deutsche Bank AG or one of its affiliates (collectively "Deutsche Bank"). Though the information herein is believed to be reliable and has been obtained from public sources believed to be reliable, Deutsche Bank makes no representation as to its accuracy or completeness. Hyperlinks to third-party websites in this report are provided for reader convenience only. Deutsche Bank neither endorses the content nor is responsible for the accuracy or security controls of those websites.

If you use the services of Deutsche Bank in connection with a purchase or sale of a security that is discussed in this report, or is included or discussed in another communication (oral or written) from a Deutsche Bank analyst, Deutsche Bank may act as principal for its own account or as agent for another person.

Deutsche Bank may consider this report in deciding to trade as principal. It may also engage in transactions, for its own account or with customers, in a manner inconsistent with the views taken in this research report. Others within Deutsche Bank, including strategists, sales staff and other analysts, may take views that are inconsistent with those taken in this research report. Deutsche Bank issues a variety of research products, including fundamental analysis, equity-linked analysis, quantitative analysis and trade ideas. Recommendations contained in one type of communication may differ from recommendations contained in others, whether as a result of differing time horizons, methodologies, perspectives or otherwise. Deutsche Bank and/or its affiliates may also be holding debt or equity securities of the issuers it writes on. Analysts are paid in part based on the profitability of Deutsche Bank AG and its affiliates, which includes investment banking, trading and principal trading revenues.

Opinions, estimates and projections constitute the current judgment of the author as of the date of this report. They do not necessarily reflect the opinions of Deutsche Bank and are subject to change without notice. Deutsche Bank provides liquidity for buyers and sellers of securities issued by the companies it covers. Deutsche Bank research analysts sometimes have shorter-term trade ideas that may be inconsistent with Deutsche Bank's existing longer-term ratings. Some trade ideas for equities are listed as Catalyst Calls ideas on the Research Website (<https://research.db.com/Research/>), and can be found on the general coverage list and also on the covered company's page. A Catalyst Call idea represents a high-conviction belief by an analyst that a stock will outperform or underperform the market and/or a specified sector over a time frame of no less than two weeks and no more than three months. In addition to Catalyst Calls ideas, analysts may occasionally discuss with our clients, and with Deutsche Bank salespersons and traders, trading strategies or ideas that reference catalysts or events that may have a near-term or medium-term impact on the market price of the securities discussed in this report, which impact may be directionally counter to the analysts' current 12-month view of total return or investment return as described herein. Deutsche Bank has no obligation to update, modify or amend this report or to otherwise notify a recipient thereof if an opinion, forecast or estimate changes or becomes inaccurate. Coverage and the frequency of changes in market conditions and in both general and company-specific economic prospects make it difficult to update research at defined intervals. Updates are at the sole discretion of the coverage analyst or of the Research Department Management, and the majority of reports are published at irregular intervals. This report is provided for informational purposes only and does not take into account the particular investment objectives, financial situations, or needs of individual clients. It is not an offer or a solicitation of an offer to buy or sell any financial instruments or to participate in any particular trading strategy. Target prices are inherently imprecise and a product of the analyst's judgment. The financial instruments discussed in this report may not be suitable for all investors, and investors must make their own informed investment decisions. Prices and availability of financial instruments are subject to change without notice, and investment transactions can lead to losses as a result of price fluctuations and other factors. If a financial instrument is denominated in a currency other than an investor's currency, a change in exchange rates may adversely affect the investment. Past performance is not necessarily indicative of future results. Performance calculations exclude transaction costs, unless otherwise indicated. Unless otherwise indicated, prices are current as of the end of the previous trading session and are sourced from local exchanges via Reuters, Bloomberg and other vendors. Data is also sourced from Deutsche Bank, subject companies, and other parties. Artificial intelligence tools may be used in the preparation of this material, including but not limited to assist in fact-finding, data analysis, pattern recognition, content drafting and editorial corrections pertaining to research material.

The Deutsche Bank Research Department is independent of other business divisions of the Bank. Details regarding our organizational arrangements and information barriers we have to prevent and avoid conflicts of interest with respect to our research are available on our website (<https://research.db.com/Research/>) under Disclaimer.



Macroeconomic fluctuations often account for most of the risks associated with exposures to instruments that promise to pay fixed or variable interest rates. For an investor who is long fixed-rate instruments (thus receiving these cash flows), increases in interest rates naturally lift the discount factors applied to the expected cash flows and thus cause a loss. The longer the maturity of a certain cash flow and the higher the move in the discount factor, the higher will be the loss. Upside surprises in inflation, fiscal funding needs, and FX depreciation rates are among the most common adverse macroeconomic shocks to receivers. But counterparty exposure, issuer creditworthiness, client segmentation, regulation (including changes in assets holding limits for different types of investors), changes in tax policies, currency convertibility (which may constrain currency conversion, repatriation of profits and/or liquidation of positions), and settlement issues related to local clearing houses are also important risk factors. The sensitivity of fixed-income instruments to macroeconomic shocks may be mitigated by indexing the contracted cash flows to inflation, to FX depreciation, or to specified interest rates – these are common in emerging markets. The index fixings may – by construction – lag or mis-measure the actual move in the underlying variables they are intended to track. The choice of the proper fixing (or metric) is particularly important in swaps markets, where floating coupon rates (i.e., coupons indexed to a typically short-dated interest rate reference index) are exchanged for fixed coupons. Funding in a currency that differs from the currency in which coupons are denominated carries FX risk. Options on swaps (swaptions) the risks typical to options in addition to the risks related to rates movements.

Derivative transactions involve numerous risks including market, counterparty default and illiquidity risk. The appropriateness of these products for use by investors depends on the investors' own circumstances, including their tax position, their regulatory environment and the nature of their other assets and liabilities; as such, investors should take expert legal and financial advice before entering into any transaction similar to or inspired by the contents of this publication. The risk of loss in futures trading and options, foreign or domestic, can be substantial. As a result of the high degree of leverage obtainable in futures and options trading, losses may be incurred that are greater than the amount of funds initially deposited – up to theoretically unlimited losses. Trading in options involves risk and is not suitable for all investors. Prior to buying or selling an option, investors must review the "Characteristics and Risks of Standardized Options", at <https://www.theocc.com/company-information/documents-and-archives/publications>. If you are unable to access the website, please contact your Deutsche Bank representative for a copy of this important document.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (i) exchange rates can be volatile and are subject to large fluctuations; (ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government-imposed exchange controls, which could affect the value of the currency. Investors in securities such as ADRs, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Unless governing law provides otherwise, all transactions should be executed through the Deutsche Bank entity in the investor's home jurisdiction. Aside from within this report, important conflict disclosures can also be found at <https://research.db.com/Research/> on each company's research page. Investors are strongly encouraged to review this information before investing.

Deutsche Bank (which includes Deutsche Bank AG, its branches and affiliated companies) is not acting as a financial adviser, consultant or fiduciary to you or any of your agents (collectively, "You" or "Your") with respect to any information provided in this report. Deutsche Bank does not provide investment, legal, tax or accounting advice, Deutsche Bank is not acting as your impartial adviser, and does not express any opinion or recommendation whatsoever as to any strategies, products or any other information presented in the materials. Information contained herein is being provided solely on the basis that the recipient will make an independent assessment of the merits of any investment decision, and it does not constitute a recommendation of, or express an opinion on, any product or service or any trading strategy.

The information presented is general in nature and is not directed to retirement accounts or any specific person or account type, and is therefore provided to You on the express basis that it is not advice, and You may not rely upon it in making Your decision. The information we provide is being directed only to persons we believe to be financially sophisticated, who are capable of evaluating investment risks independently, both in general and with regard to particular transactions and investment strategies, and who understand that Deutsche Bank has financial interests in the offering of its products and services. If this is not the case, or if You are an IRA or other retail investor receiving this directly from us, we ask that you inform us immediately.

In July 2018, Deutsche Bank revised its rating system for short term ideas whereby the branding has been changed to Catalyst Calls ("CC") from SOLAR ideas; the rating categories for Catalyst Calls originated in the Americas region have been made consistent with the categories used by Analysts globally; and the effective time period for CCs has been reduced from a maximum of 180 days to 90 days.

United States: Approved and/or distributed by Deutsche Bank Securities Incorporated, a member of FINRA and SIPC. Analysts located outside of the United States are employed by non-US affiliates and are not registered/qualified as research analysts with FINRA.



European Economic Area (exc. United Kingdom): Approved and/or distributed by Deutsche Bank AG, a joint stock corporation with limited liability incorporated in the Federal Republic of Germany with its principal office in Frankfurt am Main. Deutsche Bank AG is authorized under German Banking Law and is subject to supervision by the European Central Bank and by BaFin, Germany's Federal Financial Supervisory Authority.

United Kingdom: Approved and/or distributed by Deutsche Bank AG acting through its London Branch at 21 Moorfields, London EC2Y 9DB. Deutsche Bank AG in the United Kingdom is authorised by the Prudential Regulation Authority and is subject to limited regulation by the Prudential Regulation Authority and Financial Conduct Authority. Details about the extent of our authorisation and regulation are available on request.

Hong Kong SAR: Distributed by Deutsche Bank AG, Hong Kong Branch except for any research content relating to futures contracts within the meaning of the Hong Kong Securities and Futures Ordinance Cap. 571. Research reports on such futures contracts are not intended for access by persons who are located, incorporated, constituted or resident in Hong Kong. The author(s) of a research report may not be licensed to carry on regulated activities in Hong Kong and, if not licensed, do not hold themselves out as being able to do so. The provisions set out above in the "Additional Information" section shall apply to the fullest extent permissible by local laws and regulations, including without limitation the Code of Conduct for Persons Licensed or Registered with the Securities and Futures Commission. This report is intended for distribution only to "professional investors" as defined in Part 1 of Schedule 1 of the SFO. This document must not be acted or relied on by persons who are not professional investors. Any investment or investment activity to which this document relates is only available to professional investors and will be engaged only with professional investors.

India: Prepared by Deutsche Equities India Private Limited (DEIPL) having CIN: U65990MH2002PTC137431 and registered office at 14th Floor, The Capital, C-70, G Block, Bandra Kurla Complex, Mumbai (India) 400051. Tel: + 91 22 7180 4444. It is registered by the Securities and Exchange Board of India (SEBI) as a Stock broker bearing registration no.: INZ000252437; Merchant Banker bearing SEBI Registration no.: INM000010833 and Research Analyst bearing SEBI Registration no.: INH000001741. DEIPL's Compliance / Grievance officer is Ms. Rashmi Poddar (Tel: +91 22 7180 4929, email ID: complaints.deipl@db.com). Registration granted by SEBI and certification from NISM in no way guarantee performance of DEIPL or provide any assurance of returns to investors. Investment in securities market are subject to market risks. Read all the related documents carefully before investing. DEIPL may have received administrative warnings from the SEBI for breaches of Indian regulations. Deutsche Bank and/or its affiliate(s) may have debt holdings or positions in the subject company. With regard to information on associates, please refer to the "Shareholdings" section in the Annual Report at: <https://www.db.com/ir/en/annual-reports.htm>

Japan: Approved and/or distributed by Deutsche Securities Inc.(DSI). Registration number - Registered as a financial instruments dealer by the Head of the Kanto Local Finance Bureau (Kinsho) No. 117. Member of associations: JSDA, Type II Financial Instruments Firms Association and The Financial Futures Association of Japan. Commissions and risks involved in stock transactions - for stock transactions, we charge stock commissions and consumption tax by multiplying the transaction amount by the commission rate agreed with each customer. Stock transactions can lead to losses as a result of share price fluctuations and other factors. Transactions in foreign stocks can lead to additional losses stemming from foreign exchange fluctuations. We may also charge commissions and fees for certain categories of investment advice, products and services. Recommended investment strategies, products and services carry the risk of losses to principal and other losses as a result of changes in market and/or economic trends, and/or fluctuations in market value. Before deciding on the purchase of financial products and/or services, customers should carefully read the relevant disclosures, prospectuses and other documentation. "Moody's", "Standard & Poor's", and "Fitch" mentioned in this report are not registered credit rating agencies in Japan unless Japan or "Nippon" is specifically designated in the name of the entity. Reports on Japanese listed companies not written by analysts of DSI are written by Deutsche Bank Group's analysts with the coverage companies specified by DSI. Some of the foreign securities stated on this report are not disclosed according to the Financial Instruments and Exchange Law of Japan. Target prices set by Deutsche Bank's equity analysts are based on a 12-month forecast period.

Korea: Distributed by Deutsche Securities Korea Co.

South Africa: Deutsche Bank AG Johannesburg is incorporated in the Federal Republic of Germany (Branch Register Number in South Africa: 1998/003298/10).

Singapore: This report is issued by Deutsche Bank AG, Singapore Branch (One Raffles Quay #18-00 South Tower Singapore 048583, +65 6423 8001), which may be contacted in respect of any matters arising from, or in connection with, this report. Where this report is issued or promulgated by Deutsche Bank in Singapore to a person who is not an accredited investor, expert investor or institutional investor (as defined in the applicable Singapore laws and regulations), they accept legal responsibility to such person for its contents.

Taiwan: Information on securities/investments that trade in Taiwan is for your reference only. Readers should independently evaluate investment risks and are solely responsible for their investment decisions. Deutsche Bank research may not be distributed to the Taiwan public media or quoted or used by the Taiwan public media without written consent. Information on securities/instruments that do not trade in Taiwan is for informational purposes only and is not to be construed as a recommendation to trade in such securities/instruments.



Qatar: Deutsche Bank AG in the Qatar Financial Centre (registered no. 00032) is regulated by the Qatar Financial Centre Regulatory Authority. Deutsche Bank AG - QFC Branch may undertake only the financial services activities that fall within the scope of its existing QFCRA license. Its principal place of business in the QFC: Qatar Financial Centre, Tower, West Bay, Level 5, PO Box 14928, Doha, Qatar. This information has been distributed by Deutsche Bank AG. Related financial products or services are only available only to Business Customers, as defined by the Qatar Financial Centre Regulatory Authority.

Russia: The information, interpretation and opinions submitted herein are not in the context of, and do not constitute, any appraisal or evaluation activity requiring a license in the Russian Federation.

Kingdom of Saudi Arabia: Deutsche Securities Saudi Arabia (DSSA) is a closed joint stock company authorized by the Capital Market Authority of the Kingdom of Saudi Arabia with a license number (No. 37-07073) to conduct the following business activities: Dealing, Arranging, Advising, and Custody activities. . DSSA registered office is at Faisaliah Tower, 17th floor, King Fahad Road - Al Olaya District Riyadh, Kingdom of Saudi Arabia P.O. Box 301806.

United Arab Emirates: Deutsche Bank AG in the Dubai International Financial Centre (registered no. 00045) is regulated by the Dubai Financial Services Authority. Deutsche Bank AG - DIFC Branch may only undertake the financial services activities that fall within the scope of its existing DFSA license. Principal place of business in the DIFC: Dubai International Financial Centre, The Gate Village, Building 5, PO Box 504902, Dubai, U.A.E. This information has been distributed by Deutsche Bank AG. Related financial products or services are available only to Professional Clients, as defined by the Dubai Financial Services Authority.

Australia and New Zealand: This research is intended only for "wholesale clients" within the meaning of the Australian Corporations Act and New Zealand Financial Advisors Act, respectively. Please refer to Australian specific research disclosures and related information at https://www.dbresearch.com/PROD/RPS_EN-PROD/PROD0000000000521304.xhtml . Where research refers to any particular financial product recipients of the research should consider any product disclosure statement, prospectus or other applicable disclosure document before making any decision about whether to acquire the product. In preparing this report, the primary analyst or an individual who assisted in the preparation of this report has likely been in contact with the company that is the subject of this research for confirmation/clarification of data, facts, statements, permission to use company-sourced material in the report, and/or site-visit attendance. Without prior approval from Research Management, analysts may not accept from current or potential Banking clients the costs of travel, accommodations, or other expenses incurred by analysts attending site visits, conferences, social events, and the like. Similarly, without prior approval from Research Management and Anti-Bribery and Corruption ("ABC") team, analysts may not accept perks or other items of value for their personal use from issuers they cover.

Additional information relative to securities, other financial products or issuers discussed in this report is available upon request. This report may not be reproduced, distributed or published without Deutsche Bank's prior written consent.

Backtested, hypothetical or simulated performance results have inherent limitations. Unlike an actual performance record based on trading actual client portfolios, simulated results are achieved by means of the retroactive application of a backtested model itself designed with the benefit of hindsight. Taking into account historical events the backtesting of performance also differs from actual account performance because an actual investment strategy may be adjusted any time, for any reason, including a response to material, economic or market factors. The backtested performance includes hypothetical results that do not reflect the reinvestment of dividends and other earnings or the deduction of advisory fees, brokerage or other commissions, and any other expenses that a client would have paid or actually paid. No representation is made that any trading strategy or account will or is likely to achieve profits or losses similar to those shown. Alternative modeling techniques or assumptions might produce significantly different results and prove to be more appropriate. Past hypothetical backtest results are neither an indicator nor guarantee of future returns. Actual results will vary, perhaps materially, from the analysis.

The method for computing individual E,S,G and composite ESG scores set forth herein is a novel method developed by the Research department within Deutsche Bank AG, computed using a systematic approach without human intervention. Different data providers, market sectors and geographies approach ESG analysis and incorporate the findings in a variety of ways. As such, the ESG scores referred to herein may differ from equivalent ratings developed and implemented by other ESG data providers in the market and may also differ from equivalent ratings developed and implemented by other divisions within the Deutsche Bank Group. Such ESG scores also differ from other ratings and rankings that have historically been applied in research reports published by Deutsche Bank AG. Further, such ESG scores do not represent a formal or official view of Deutsche Bank AG.

It should be noted that the decision to incorporate ESG factors into any investment strategy may inhibit the ability to participate in certain investment opportunities that otherwise would be consistent with your investment objective and other principal investment strategies. The returns on a portfolio consisting primarily of sustainable investments may be lower or higher than portfolios where ESG factors, exclusions, or other sustainability issues are not considered, and the investment opportunities available to such portfolios may differ. Companies may not necessarily meet high performance standards on all aspects of ESG or sustainable investing issues; there is also no guarantee that any company will meet expectations in connection with corporate responsibility, sustainability, and/or impact performance.

Copyright © 2025 Deutsche Bank AG