Emerging markets and Trump 2.0

Navigating tectonic shifts that's ushering a new economic paradigm



MUFG | Emerging Markets Network

Emerging Markets Research

Ehsan Khoman

Head of Research – Commodities, ESG and Emerging Markets

Soojin Kim

Research Analyst

Lee Hardman

Senior Currency Analyst

Relationship Management

Christopher Marks

Head of Growth Markets, Innovative Finance & Portfolio Solutions

Alexander Bekman

Growth Markets, Innovative Finance & Portfolio Solutions Coverage

Credit Sales and Trading Group – EMEA

Amanda Willis

Head of Credit Sales Group (EMEA)

Mohamed Vakil

Credit Sales Group (EMEA)

Adam Hedwat

Credit Sales Group (EMEA)

Chris Orr

Head of Credit Trading (EMEA)

Matthew Dunker

Credit Trading (EMEA)

Dominik Roth

Credit Trading (EMEA)

Credit Sales and Trading Group – APAC

Karen Lo

Head of Credit Sales Group (APAC)

Alex Wan

Credit Sales Group (APAC)

Anny Chang

Credit Sales Group (APAC)

Vincent Kim

Credit Sales Group (APAC)

Stephanie Dong

Credit Sales Group (APAC)

Timothy Prowse

Credit Sales Group (APAC)

Credit Sales and Trading Group – Americas

Jess Sodaski

Head of Credit Sales Group (Americas)

Michael Loughlin

Credit Sales Group (Americas)

Noreen Hickey-Robina

Credit Sales Group (Americas)

Michael Witherell

Credit Sales Group (Americas)

Peter McAree

Credit Sales Group (Americas)

Roger Wellep

Credit Sales Group (Americas)



Contents

1	Executive summary Emerging markets and Trump 2.0	03-04
2	"Liberation Day" and the aftermath Tariff wall and a test of endurance	05-12
3	EMs – trade, defence and de-risking EMs squarely in the crosshairs of the US "power-based" doctrine	13-26
4	EMs – performance during recessions Pain, panic and payback	27-30
5	EMs – where to play to win (and hide) The list is not long	31-37
6	Commodities and emerging markets forecasts Quarterly and annually estimates – as of April 2025	38-40
7	MUFG Global Markets Research Credentials	41-44



Executive summary | Emerging markets and Trump 2.0

Tectonic shifts under Trump 2.0

- Trump 2.0 is heralding a paradigm shift in the global world order. Tariffs are the common denominator. The disruption to trade are far-reaching. Unlike Trump 1.0, the impact this time is more swift and more severe.
- As the policy agenda under Trump 2.0 becomes more discernible, policy reactions are being stepped up to navigate the reconfiguration of global trade with seismic reverberations for global markets.

Implications for emerging markets under the new economic paradigm

- We offer an examination of how EMs may navigate the more assertive Trump 2.0 "power-based" doctrine:
 - 1. Trade. EMs comprise the largest trade surplus with the US on an aggregate basis (USD874bn; 2.9% of US GDP), placing the complex squarely in the crosshairs of US policy "factory Asia" is most at risk.
 - 2. Defence. The rewiring of the global security architecture, led by the US's more bellicose foreign policy strategy, has raised reservations on the support and costs of the US security guarantee.
 - 3. US de-risking. US "sticks" in extracting concessions, while reneging on prior agreements, hampers trust. The BRICS+ are gaining in heft and may question the risk-adjusted returns of conserving the status quo.
 - 4. EMs during recessions. We see EM credit spreads widening further, while EM rates tend to bifurcate low yielders see yields decline (like DMs), and high yielders see higher yields (like a credit asset class).
 - 5. Where to play to win (and hide). We view that the strategy should be to focus on markets with strong domestic fundamentals, a higher share of household consumption in their GDP, a higher share of services in their export basket, and those which have the fiscal headroom to support if needed, as the rates outlook will be tied to the Fed's future trajectory as well as currency gyrations. The list is not long.

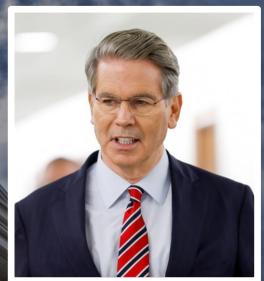


Contents

1	Executive summary Emerging markets and Trump 2.0	03-04
2	"Liberation Day" and the aftermath Tariff wall and a test of endurance	05-12
3	EMs – trade, defence and de-risking EMs squarely in the crosshairs of the US "power-based" doctrine	13-26
4	EMs — performance during recessions Pain, panic and payback	27-30
5	EMs – where to play to win (and hide) The list is not long	31-37
6	Commodities and emerging markets forecasts Quarterly and annually estimates – as of April 2025	38-40
7	MUFG Global Markets Research Credentials	<u> </u>

US Treasury Secretary | a grand global economic reordering



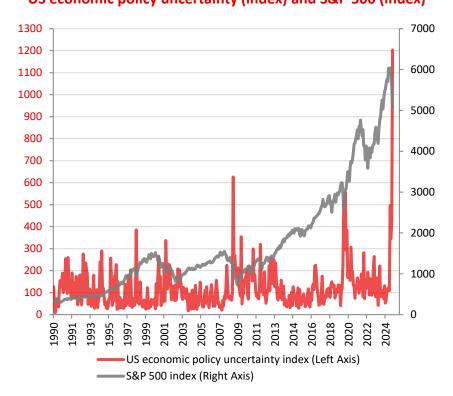


We're at a unique moment geopolitically, and I could see in the next few years that we are going to have to have some kind of a grand global economic reordering, something on the equivalent of a new Bretton Woods or if you want to go back like something back to the steel agreements or the Treaty of Versailles. There's a very good chance that we are going to have that over the next four years.

Trump 2.0 three months in | unprecedented strain

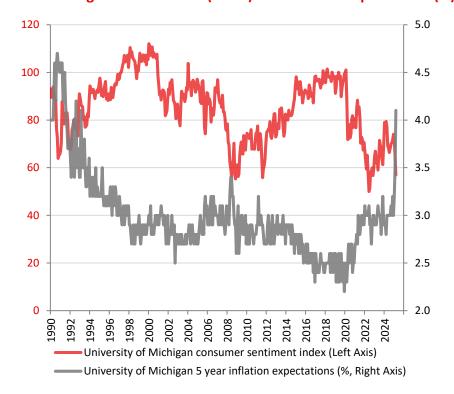
The ramifications of the new US administration's policies three months in are starting to be felt, and not in a good way. Policy uncertainty from the start of tariffs has surged, plummeting financial markets, sapping corporate confidence and worsening inflation expectations.

US policy uncertainty surging and equity markets slumping US economic policy uncertainty (index) and S&P 500 (index)



Global markets have been rattled by what President Trump has referred to as "a little disturbance" – policy uncertainty from the start of tariffs has surged with the S&P 500 index plummeting so far under Trump 2.0.

US confidence worsening and inflation expectations jumping Uni. of Michigan US sentiment (index) and inflation expectations (%)



While the broad policy agenda is becoming clearer, we are set to live in a highly unpredictable world – tariff angst is driving inflation expectations higher, which is sapping confidence amongst corporates and individuals.



Trump 2.0 tariffs on Liberation Day | how large is the effective tariff rate?

On 2 April 2025 (Liberation Day), President Trump announced a two-pronged "reciprocal" tariff plan*. Factoring this tariffs levels, alongside other tariffs announced year-to-date, suggests the US effective tariff rate stands at 24.2%.

Reciprocal tariffs, alongside other tariffs announced post Trump 2.0, would raise the US effective tariff rate by 24.2%

Effect of US tariff announcements to date - as of 2 April 2025

	Trading partner	Import 2024 (USD bn)	Effective tariff rate 2024 (%)	20% China (%)	25% Canada / Mexico non-USMCA (%)	25% steel and aluminium (%)	25% autos and auto parts (%)	Announced reciprocal tariff (%)	Effective reciprocal tariff with exclusion (%)	Total tariff rise as of 2 April 2025 (%)
1	EU	606	1.4			0.6	2.1	20.0	10.8	13.5
2	Mexico	506	0.5		2.4	0.9	4.1			7.3
3	China	439	10.9	20		0.5	0.7	125.0**		125.0**
4	Canada	413	0.3		2.2	1.2	2.2			5.5
5	Japan	148	1.7			0.7	7.6	24.0	11.7	20.0
6	Vietnam	137	4.1			0.4	5.9	46.0	40.4	46.7
7	South Korea	132	0.4			1.1	0.5	25.0	14.0	15.6
8	Taiwan	116	1.1			0.6	0.7	36.0	26.4	27.8
9	India	87	2.6			0.6	0.5	26.0	18.5	19.5
10	Latin America FTAs	76	0.4			0.2	3.9	10.0	8.2	12.3
11	UK #	68	1.2			0.5	0.0	10.0	5.6	6.1
12	Switzerland	63	0.8			0.1	0.6	31.0	18.5	19.2
13	Thailand	63	1.8			0.5	0.1	36.0	29.4	30.1
14	Malaysia	53	0.8			0.3	0.0	24.0	16.1	16.4
15	Singapore	43	0.3			0.1	0.4	10.0	4.9	5.3
16	Brazil	42	1.5			1.9	0.3	10.0	6.5	8.6
17	Indonesia	28	5.1			0.3	0.1	32.0	28.1	28.5
18	Israel	22	0.3			0.2	1.2	17.0	10.0	11.3
19	Turkey	17	3.5			1.6	0.2	29.0	23.0	24.8
20	Australia	17	0.3			0.7	3.7	10.0	8.0	12.5
21	South Africa	15	0.5			0.8	1.6	30.0	14.8	17.2
22	Philippines	14	1.5			0.1	0.0	17.0	13.1	13.2
23	Saudi Arabia	13	0.6			0.2	0.0	10.0	3.4	3.6
24	Cambodia	13	7.2			0.1	0.0	49.0	41.3	41.4
25	Ecuador	9	0.6			0.2	0.0	10.0	5.6	5.8
26	Bangladesh	8	15.4			0.0	0.3	37.0	36.6	36.9
27	UAE	7	2.4			4.8	0.1	10.0	4.9	9.8
28	Argentina	7	1.3			1.9	0.0	10.0	5.7	7.6
29	Norway	7	0.8			0.3	0.1	10.0	7.1	7.5
30	New Zealand	6	1.3			0.2	0.0	10.0	9.0	9.3
31	Pakistan	5	9.8			0.1	0.3	29.0	28.5	28.9
32	Others	88	1.4			0.5	0.3	14.0	7.8	8.6
33	Total/avg, import weight	USD3,267bn	2.5%	2.4%	0.6%	0.7	2.2%	23.3%	18.6%	24.2%

President Trump announced a "reciprocal" tariff plan that consists of two parts. First, a 10% baseline tariff would apply to imports from all countries, excluding Canada and Mexico – effective 5 April.

Second, countries that comprise the largest trade deficits with the US, excluding Canada and Mexico, would face an additional tariff that equals half the ratio of the US bilateral trade deficit with the country divided by US imports from that country – effective 9 April (now paused for 90 days bar China). The fact that these two components were structured separately suggests that the 10% baseline tariff is unlikely to be negotiated down, but that the additional tariff rate could decline following negotiations.

The tariffs average to 23.3% when weighted by imports, but the increase in the effective tariff rate would likely be ~18.6% due to product exclusions. We estimate this and other tariffs announced year-to-date would raise the US effective tariff rate by 24.2%. The executive order states that these tariffs exclude products that are subject to sectoral tariffs, including sectoral tariffs not yet announced. Notably, tariffs will not apply to steel, aluminium, and autos where tariffs have been implemented, copper, lumber, pharmaceuticals, semiconductors, or critical minerals***. The exemption also applies to energy products.

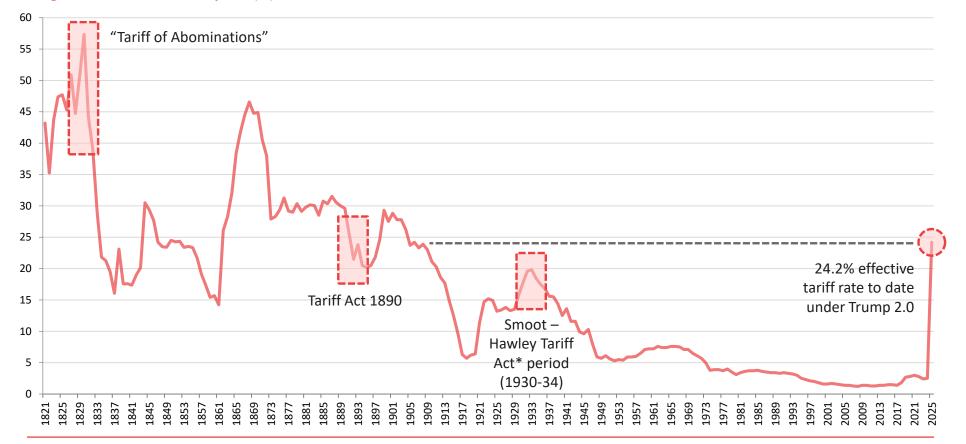


Trump 2.0 tariffs in historical context | highest since the 1900s

Our estimate of the tariffs announced year-to-date under Trump 2.0 thus far that raises the US effective tariff rate by 24.2% would be the highest average rate since 1905. While we assume negotiations to yield somewhat lower "reciprocal" rates, uncertainties abound.

We estimate that the reciprocal tariffs announced on 2 April (Liberation Day), alongside other tariffs year-to-date, would raise the US effective tariff rate by 24.2% – marking the highest level since 1905

Average US tariff rate on all imports (%)



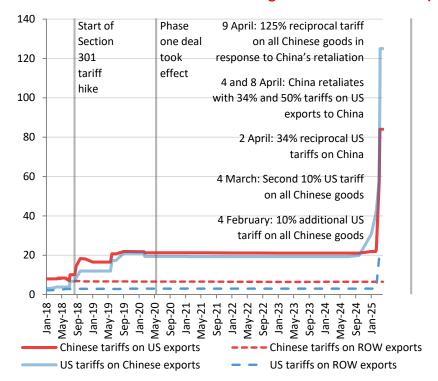


China retaliates to Trump 2.0 tariffs | mirroring US actions

Following the increase in the US tariff rate on China to 104%, China responded by announcing an additional 50% tariff increase on the US, for a total of 84%, to be implemented 10 April – mirroring the US move*. The US has since upped its tariff rate on China to 125% (9 April).

China's retaliatory tariffs ups the average rate on US to 84%

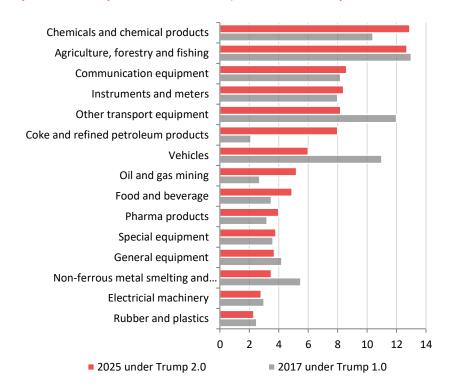
US and China effective tariff rates and against rest of the world (%)



The combination of extremely high US tariffs, sharply declining exports to the US, and a slowing global economy is expected to generate substantial pressures on the Chinese economy and labour market.

Commodities/intruments are key Chinese imports from US

Top Chinese imports from the US (% of Chinese imports from the US)



Whilst the growth implication of the retaliatory tariff per se is marked for China, importers may begin to shift some of the commodity purchases from the US to other commodity-exporting countries.

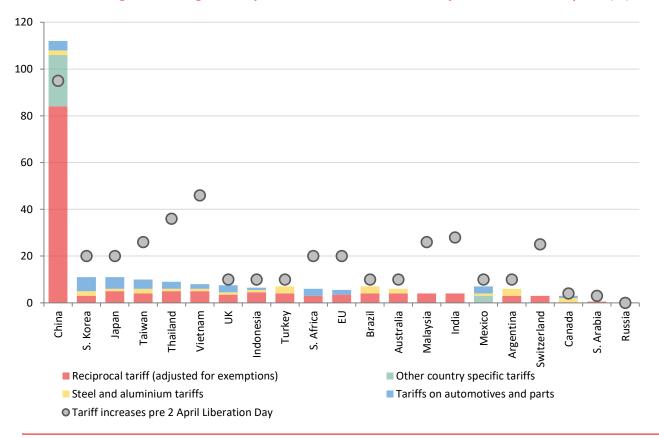


Trump 2.0 tariffs hones in on China | "art of the delay" 90 day pause

President Trump has announced a 90 day pause on the additional country-specific portion of the "reciprocal" tariff. This leaves in place all prior tariffs and the 10% minimum portion of the reciprocal tariff, and we continue to expect additional sector-specific tariffs.

China is now the only part of the reciprocal tariff wall left standing – what will it take for the two sides to draw down from their current escalatory positions?

Increase in average tariff on goods exported to the US from January 2025 under Trump 2.0 (%)



The Trump administration announced on 9 April a 90 day pause on the tariffs, which went into effect at 12:01am Eastern Time (ET), targeting the country-specific portion of the "reciprocal" tariffs that are higher than the baseline universal 10% established in his 2 April Executive Order.

All countries will be subject to a 10% tariff in this 90 day period, at which point the administration will revisit imposing the higher rates initially announced. 25% tariffs on finished autos and metals tariffs are unchanged, and China is now paying a 125% tariff.

Although additional tariff increases on China are likely to have a diminishing marginal impact, the combination of extremely high US tariffs, sharply declining exports to the US, and a slowing global economy is expected to generate substantial pressures on the Chinese economy and labour market.

Looking ahead, with China the only part of the tariff wall left standing, it will become even more difficult for the two sides to draw down from their current stances. The Chinese seemingly are prepared to ride out the storm, and the US has just targeted them in the middle of their protectionist policies*.



Trump 2.0 outlook anchored on US-China relations | scenario analysis

Given the complex degree of uncertainties in what is a fluid situation, we contextualise through scenario analysis prospects for US-China relations. China's assertive posture signals that future retaliation may be more forceful, raising the odds of unmanaged decoupling.

				the lifespa Iministration	
US-China trade scenarios in 2025	Details of scenario	2025	2026	2027	2028
Grand bargain	Dovish backchannels and President Trump's desire to "deal", alongside concessions lead to a bargain that avoids large-scale tariff escalation	15%	10%	10%	5%
Managed decoupling	Less hawkish voices lead on trade, increasing the probability that both sides can reach a deal mid-term after tariff escalation	15%	40% (base case)	50% (base case)	40% (base case)
Unmanaged decoupling	Trade hawks maximal trade decoupling and security hawks cross China's "red lines", leading to a freeze in bilateral relations	55% (base case)	35%	25%	35%
Crisis	US or Taiwan change the status quo on Taiwan policy, provoking Chinese military escalation such as island seizure or blockade	15%	15%	15%	20%

Overall, a deal between the US and China seemingly remains unlikely at the current juncture given the mismatched negotiation styles of the two leaders — the unpopularity of deal-making in the US beyond President Trump, and China's perception that President Trump's tactics are malevolent. However, China is seemingly leaving the door open for negotiations, leading to a small probability of a deal.

China's latest moves adopt a more confrontational posture relative to Trump 1.0 by upgrading retaliation via tariffs ranging from reciprocal to targeted and rising beyond tit-for-tat retaliation with the other elements of the package.

Two elements of China's retaliation break recent patterns: (1) the timing of its response prior to US implementation of tariffs, and (2) the strength of its tariff retaliation.

Other elements of retaliation follow a phased progression up the ladder of retaliatory moves and therefore are largely symbolic, leaving stronger actions in reserve for further escalation while also maintaining space for possible talks.

A key question is what follows when China exhausts its weaker hand of symmetric economic responses and chooses (or feels forced) to retaliate asymmetrically with non-economic measures.

Contents

1	Executive summary Emerging markets and Trump 2.0	03-04
2	"Liberation Day" and the aftermath Tariff wall and a test of endurance	05-12
3	EMs – trade, defence and de-risking EMs squarely in the crosshairs of the US "power-based" doctrine	13-26
4	EMs – performance during recessions Pain, panic and payback	27-30
5	EMs — where to play to win (and hide) The list is not long	31-37
6	Commodities and emerging markets forecasts Quarterly and annually estimates – as of April 2025	38-40
7	MUFG Global Markets Research Credentials	41-44

Framing EM exposure with the US | which jurisdictions are most at risk?

EMs comprise the largest trade surplus with the US on an aggregate basis (USD874bn; 2.9% of US GDP), placing the complex squarely in the crosshairs of US policy. EM Asia accounts for the bulk of the EM trade surplus with the US with all witnessing hefty reciprocal tariffs.

EMs trade surplus with the US is large at USD870bn (2.9% of GDP)

EM EMEA USD24bn (0.02% of US GDP) trade surplus with the US

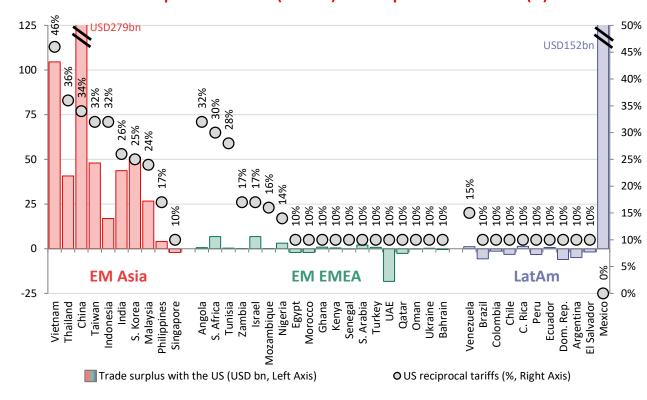
Latin USD214bn (0.8% of US GDP)
America trade surplus with the US

USD636bn (2.2% of US GDP) trade surplus with the US

USD874bn (2.9% of US GDP) trade surplus with the US

EM Asia

EM Asia run sizable trade surpluses with the US, thus subject to higher US tariffs Trade surplus with the US (USD bn) and reciprocal US tariff rate (%)



Overall, it is **too early to deliver a definitive damage assessment across the EM complex**, but the risks on global growth – the most important ingredient for EM returns – have **significantly risen**. While some **countries** may emerge as winners, the **deterioration in sentiment and visibility** warrants caution.



EM trade with the US | concentrated in EM Asia

We summarise major EM trading partners with the US, ranked by the value of US imports to gauge exposure levels. While this usually correlates to the net trade deficit, it does not always explicitly match. The exports to US/GDP is a good proxy to see those most exposed.

Region / Market		US imports from (USD bn)	US exports to (USD bn)	US trade balance (USD bn)	% of total US imports	US trade balance / US imports (%)	Exports to US/GDP (%)	Tariffs charged to the US* (%)	US (discounted) reciprocal tariffs (%)
World		3084.11	2019.55	-1064.56		-35%			18.1%
Asia – China	***	427.23	147.81	-279.42	13.9%	-65%	2.9%	125%	125%
Asia – South Korea	* *	116.23	64.84	-51.40	3.8%	-44%	6.8%	50%	25%
Asia – Vietnam	*	114.44	9.81	-104.63	3.7%	-91%	22.1%	90%	46%
Asia – Taiwan	***	87.75	39.78	-47.98	2.8%	-55%	11.6%	64%	32%
Asia – India	<u> </u>	83.77	40.12	-43.65	2.7%	-52%	2.1%	52%	26%
Asia – Thailand		56.37	15.65	-40.72	1.8%	-72%	9.4%	72%	36%
Asia – Malaysia		46.15	19.44	-26.70	1.5%	-58%	8.5%	47%	24%
Asia – Singapore		40.34	42.45	2.11	1.3%	5%	9.0%	10%	10%
Asia – Indonesia	444	26.81	9.94	-16.86	0.9%	-63%	1.7%	64%	32%
Asia – Philippines		13.27	9.29	-3.98	0.4%	-30%	2.6%	34%	17%
EM EMEA – Israel	100	20.82	14.03	-6.79	0.7%	-33%	3.5%	33%	17%
EM EMEA – Saudi Arabia	****	15.88	13.87	-2.00	0.5%	-13%	1.4%	10%	10%
EM EMEA – Turkey	C*	15.50	14.69	-0.80	0.5%	-5%	1.3%	10%	10%
EM EMEA – UAE		6.58	24.86	18.28	0.2%	278%	1.2%	10%	10%
EM EMEA – Qatar		2.05	4.66	2.61	0.1%	128%	0.6%	10%	10%
EM EMEA – Oman		1.65	1.86	0.21	0.1%	13%	0.5%	10%	10%
EM EMEA – Ukraine	- H	1.30	1.05	-0.26	0.0%	-20%	0.3%	10%	10%
EM EMEA – Bahrain		1.18	1.68	0.50	0.0%	42%	2.3%	10%	10%
EM EMEA – South Africa		13.97	7.16	-6.81	0.5%	-49%	2.2%	60%	30%
EM EMEA – Nigeria		5.70	2.60	-3.10	0.2%	-54%	1.3%	27%	14%
EM EMEA – Egypt	111	2.39	4.49	2.10	0.1%	88%	0.5%	10%	10%
EM EMEA – Morocco	*	1.70	3.75	2.06	0.1%	121%	0.9%	10%	10%
EM EMEA – Ghana		1.67	0.85	-0.82	0.1%	-49%	1.0%	17%	10%
LatAm – Mexico	3	475.61	323.23	-152.38	15.4%	-32%	27.4%		0%
LatAm – Brazil		39.12	44.81	5.69	1.3%	15%	1.7%	10%	10%
LatAm – Colombia	-	16.16	17.55	1.39	0.5%	9%	3.8%	10%	10%
LatAm – Chile		15.54	18.72	3.18	0.5%	20%	4.3%	10%	10%
LatAm – Costa Rica		10.46	9.14	-1.31	0.3%	-13%	9.7%	17%	10%
LatAm – Peru	4	8.73	12.04	3.30	0.3%	38%	3.2%	10%	10%
LatAm – Ecuador		8.60	7.95	-0.65	0.3%	-8%	6.2%	12%	10%
LatAm – Argentina		6.44	11.44	5.00	0.2%	78%	4.5%	10%	10%

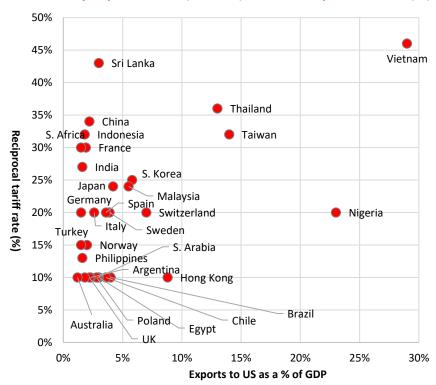


EM trade diversification | shares towards China and EU are heterogeneous

EM Asia faces the brunt of reciprocal tariffs given their large trade surpluses with the US. There is uncertainty about the durability and future scope of tariffs – smaller Asian trade partners may negotiate lower rates, but retaliation from larger blocs (China, EU) are key risks.

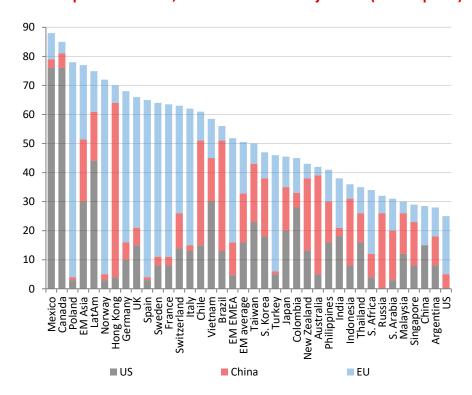
EM Asia faces the brunt of reciprocal tariffs in the EM space

Country exports to US (USD bn) and US reciprocal tariffs (%)



Beyond **Mexico** (excluded from reciprocal tariffs), **China**, **Vietnam and Taiwan** are some of the most exposed EM countries given their **reliance** on the US market and deep integration into US supply chains.

EMs with less US exposure are best placed to weather storm Goods exports to the US, EU and China for major EMs (% of exports)



Some EMs have managed to diversify their export markets and may be able to grow exports to China and/or the EU if domestic growth improves there and/or should the punitive US tariffs be sustained.

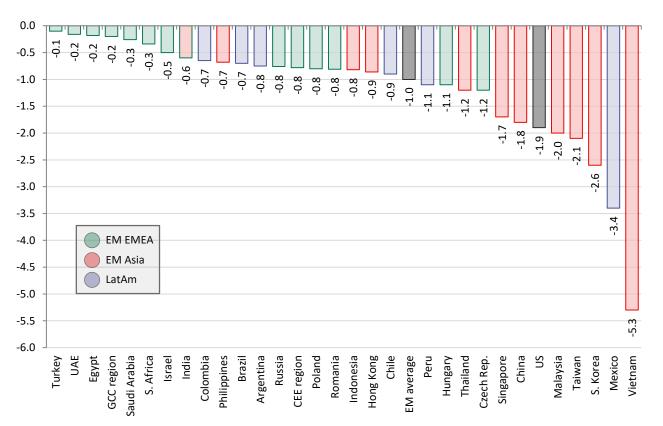


EM growth impact from US tariffs | EM Asia bearing the brunt

We simulate growth impacts across the EM complex to factor in the US reciprocal tariff rates, alongside the tariff retaliation from China. Given the brunt of the US tariffs are borne on EM Asia, this is where we expect most of the negative growth impulse to be inhibited.

Simulating the cumulative real GDP growth impact across EMs from US tariffs and China's retaliation points to EM Asia bearing the brunt of the negative impulse

Estimated real GDP impact of US's reciprocal tariffs and China's retaliation in 2025 (%)



The impact on EM Asia is most acute. Vietnam's negative growth impulse is most severe, owing to both its sizable trade exposure to the US (29%) and the severity of the tariff asymmetry (46%), with a growth shock estimated in this model to be cumulative large at -5.3%.

Mexico and South Korea are also relatively exposed at -3.4%, and -2.6%, respectively.

Some economies are forecast to have cumulative growth shocks that are comparable to the US (-1.9%), notably, Taiwan (-2.1%), Malaysia (-2.0%), China (-1.8%) and Singapore (-1.7%).

Across EM EMEA, Czech Republic (-1.2%) and Hungary (-1.1%) are most exposed within the region, predominantly due to the impact on Eurozone, led by Germany. Elsewhere, the GCC region, Turkey (-0.1%) and Egypt (-0.2%) look relatively more insulated, as well as Israel (-0.5%), India (-0.6%) and the Philippines (-0.9%), though we would caveat this analysis given the second order impact that is absent from this simulation.

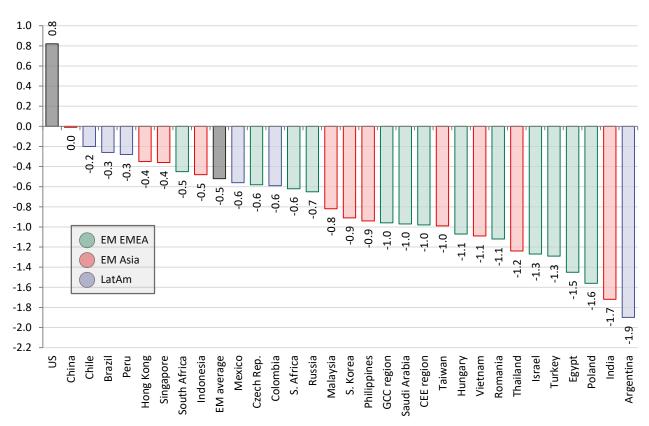


EM inflation impact from US tariffs | divergence across jurisdictions

We also simulate the impact on inflation across the EM complex. For EM (US trade partners), the impact of tariffs is akin to a negative external demand shock – driving weaker exports and putting downward pressure on domestic inflation in the tradables sector.

Simulating the inflationary impact across EMs from US tariffs and China's retaliation points to a wide degree of divergence

Estimated inflation impact of US's reciprocal tariffs and China's retaliation in 2025 (%)



At a high level, the first order impact of tariffs is akin to a negative supply shock for the US – driving inflation higher and a negative real income squeeze for consumers.

For trade partners, it is akin to a negative external demand shock – driving weaker exports and putting downward pressure on domestic inflation in the tradables sector.

With this context in mind, with the US standing out facing a stagflationary shock, the rest of the world (that includes EMs), is likely to inhibit a disinflationary shock.

Yet, we would caveat this analysis given significant assumptions in the model. For instance, the initial inflationary shock attributed to the tariffs on China is likely fuelled by the short-term supply-side inflation assumed from China's retaliatory tariffs, or possibly some assumed policyeasing support.

All in, the key conclusion from the CPI inflation simulation is the divergence of the inflation shock, with EM being in the disinflationary camp.

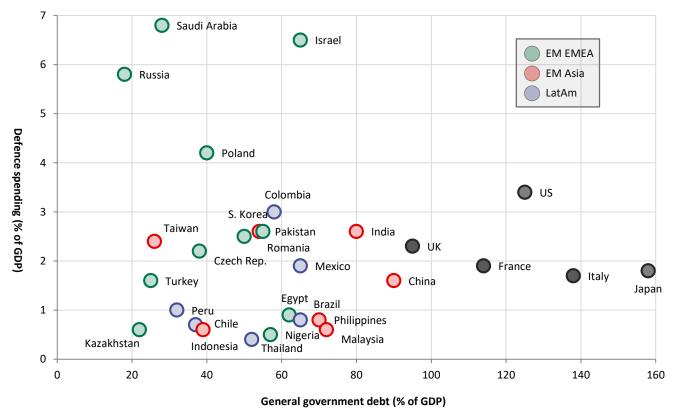


Defence | rewiring the global security architecture

The rewiring of the global security architecture, led by the US's more bellicose foreign policy strategy, has raised reservations on the support and costs of the US security guarantee – only a handful of EMs have a sizeable military industrial complex that stand to benefit.

While the emphasis of EM defence spending increase in recent years has been in EM EMEA (led by the GCC region and Israel), EM Asia is witnessing a rising trend

Defence spending (% of GDP) and general government debt (% of GDP)



There are many known, unknowns on how US will manage a more overt power based strategic shift. What concessions will the US extract from its allies in exchange for US protection? Could the Trump administration undercut APAC allies to do a bilateral deal with China, akin to arguably undercutting Ukraine/Europe's interests to deal directly with Russia?

There are **conflicting signals** – on the one hand, the selection of Taiwan and the Philippines as recipients of unblocked US foreign aid suggests EM Asia's strategic importance to US interests, whilst on the other, there are also hints at less commitment to defend Taiwan.

There are only a handful of EMs that have a sizeable military industrial complex that could benefit from increased demand for military spending – Israel, Turkey, Poland, South Korea, Czech Republic. Of these, Turkey, Poland and Czech Republic stand out as NATO members, and Turkey in particular, has arguably strategic importance given that it provides the second largest armed forces to NATO, after the US.

On net, rising defence spending could pose further fiscal pressures in select EMs facing heightened security risks, with less certain multiplier and long term productivity impacts*.



US de-risking | entering the era of geofragmentation and trading blocs

US policy centred on what some dub, "sticks / threats" to extract concessions, while reneging on prior agreements, hampers trust. EMs, notably the BRICS+ that are gaining in economic heft, may question the risk-adjusted returns of conserving the status quo with the US.

Deglobalisation

De-globalisation is slow moving, but trade tensions have now sharply risen to structurally disruptive levels

Recession base case?

Market expectations are increasingly pricing in the risks of a global recession as now the base case scenario

Greater regionalisation

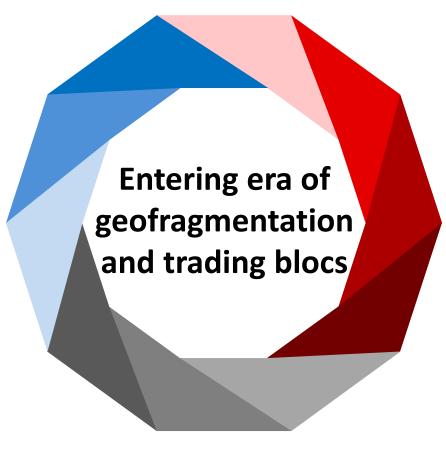
Geopolitical fault lines are driving greater regionalisation and trading blocs, with shifts in cross-border capital flows

Supply chains

Multinational companies are set to structurally diversify supply chains away post Liberation Day

Reshoring?

Reshoring is dwarfing friend-shoring and near-shoring, does this trend have further to run?



Trump autarky?

President Trump is taking a personalised approach to policy making, raising concerns about partial autarky

Dollar dominance?

President Trump's policies are accelerating a long-term erosion of dollar dominance but is a recognised no near-term alternative

"Small-c, small-w"

Geopolitics continues to reshape the world order as trade / military wars align into a new "small-c, small-w" cold war

MAGA support

President Trump's support from his MAGA base is not yet eroding – sentiment from non-traditional media is key to monitor

Three-world model

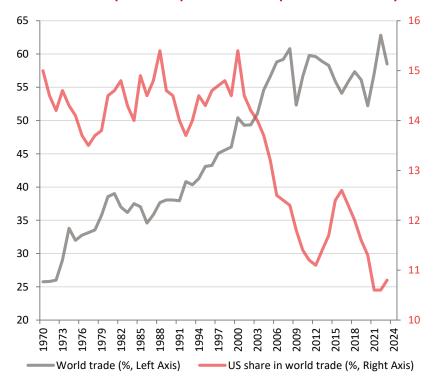
Is a three-world model emerging, between (1) the Global West, (2) the Global East and (3) the Global South?

MUFG

US de-risking by EMs | tariff war 2.0 to accelerate de-risking even further?

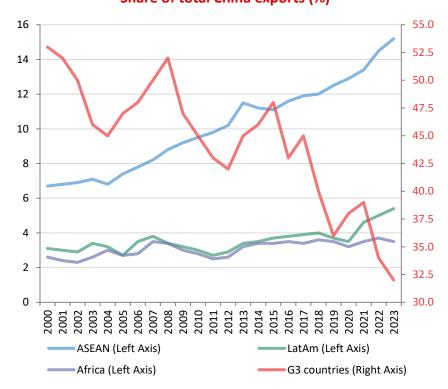
Trade policy uncertainty has risen to structurally disruptive levels with the 2 April reciprocal tariffs. Yet, the US's share of global trade has fallen sharply even before Liberation Day, exacerbated by Trump 1.0 with China's trade importance to the EM complex gaining in traction.

US share of global trade has dropped since tariff war 1.0 World trade (% of GDP) and US trade (% of world trade)*



As industrial policy and reshoring have taken hold, the **US** share of global trade has dropped since tariff war 1.0, even as the use of tariffs is being weaponised – will Trump 2.0 breed strategic decoupling?

China has steadily diversified export destinations to EMs Share of total China exports (%)



China remains the world's largest trading economy and the largest exporter, still dominating the global supply chain, with EM trading patterns increasingly shifting and becoming more reliant on China.

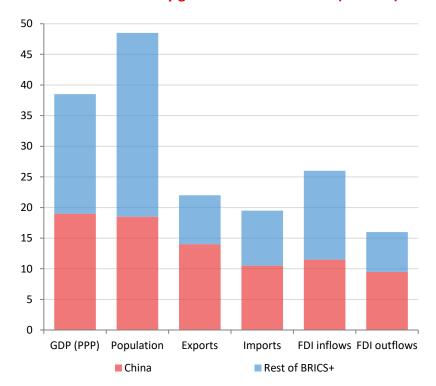


BRICS+ value add | BRICS+ compete on many metrics

EM BRICS+ nations (Brazil, Russia, India, China, South Africa, Egypt, Ethiopia, Iran, the UAE and Indonesia) account for ~40% of global GDP (higher than G7 in PPP terms), ~50% of world population and ~20% of global trade flows – could they drive a realignment in trade flows?

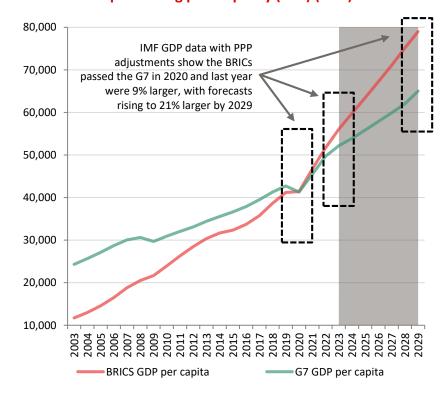
BRICS+ comprise large shares of the global economy/trade

BRICS+ share in key global macro indicators (% share)



The BRICS+ have risen in global economic and trade might as the grouping continues to expand – the BRICS+ comprises ~40% of world GDP, ~50% of the global population, and ~20% of global trade.

BRICS+ surpassed the G7 in 2020 on a GDP PPP basis GDP purchasing power parity (PPP) (USD)



BRICS+ passed **G7** nations in terms of size of economy in **2020**. The IMF sees this gap widening further this decade, even as the **G7** keeps its advantage when measures using market exchange rates.



BRICS+ drawbacks | economically and politically heterogeneous

Notwithstanding the BRICS+ burgeoning economic heft, the group remains a political grouping for all intents and purposes. The grouping is not a free trade area, so there is no formal pact to tackle barriers to trade between members*.

Geoeconomic fragmentation is raising the BRICS+ profile but the group is currently more of a political grouping than a viable alternative trading bloc

Key metrics in gauging economic and political similarities/difference amongst the BRICS+

Market	GDP PPP terms (ranking)	Real GDP per capital (ranking)	Population (ranking and global share)	Exports (ranking and global share)	Imports (ranking and global share)	Democracy index (ranking)
Brazil	7	85	7 (2.6%)	24 (1.4%)	27 (1.0%)	52
Russia	4	50	9 (1.8%)	18 (1.8%)	23 (1.3%)	145
India	3	128	1 (17.8%)	17 (1.8%)	8 (2.8%)	42
China	1	79	2 (17.4%)	1 (14.2%)	2 (10.5%)	150
South Africa	33	109	24 (0.8%)	38 (0.5%)	37 (0.5%)	48
Egypt	17	91	13 (1.4%)	61 (0.2%)	45 (0.3%)	128
Ethiopia	56	164	10 (1.6%)	135 (0.0%)	84 (0.1%)	117
Iran	23	95	17 (1.1%)	41 (0.4%)	51 (0.3%)	154
UAE C	38	14	86 (0.1%)	14 (2.0%)	16 (1.9%)	126
Indonesia	8	107	4 (3.5%)	28 (1.1%)	30 (0.9%)	57

It is important to note what the BRICS+ is not — which could, in some ways, limit the grouping's ability to cohesively represent the interests of EMs and truly become a counterweight to the G7 economic and political prowess.

For instance, BRICS+ is not a formal grouping and does not have a founding treaty/is not regulated by a set of treaties (unlike the EU or NATO), meaning there are no binding arrangements for how the group should function — though there are agreements for its financial

bodies.

The grouping is also **not** a **free trade area**, so there is no formal pact to cut tariffs or tackle other trade barriers between members.

Additionally, the bigger the grouping gets, the harder it will be to achieve consensus.

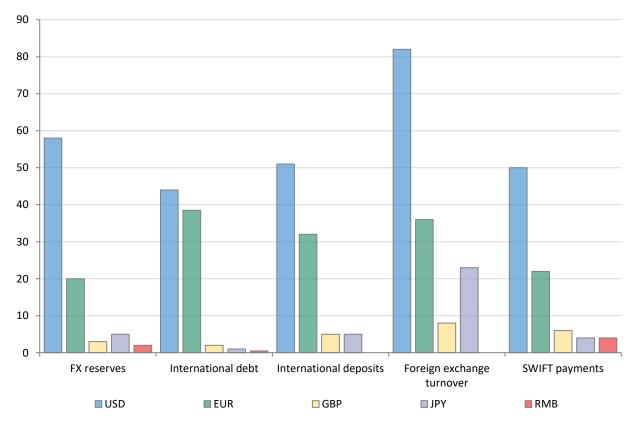
Moreover, unlike the G7, the BRICS+ grouping is much more diverse economically and politically. For example, the grouping includes some of the largest and most populous economies in the world, but also some of the weakest economically with diverse political structures.



BRICS+ and dollarisation | navigating US tariffs

While there are times where the US dollar's role may be challenged, but by most measures it is the dominant currency and plays an outsized role in international finance across a range of metrics – FX reserves, debt, deposits, FX turnover and SWIFT payments.

US dollar dominance apparent in FX reserves, international debt, international deposits, foreign exchange turnover and SWIFT payments Use of major currencies in international finance (% of share)



BRICS+ economies have been the subject of tariff threats from US President Trump over many months, who said the group could face a 100% tariff it moves away from using the US dollar.

While much has been deliberated about the possibility of the group increasing trade in local currencies, potentially establishing a common BRICS+ currency and de-dollarisation, this has not materialised on any scale

 nor is there common consensus that it will any time soon for practical, political and operational reasons.

Indeed, although conducting commerce in a non-US

dollar currency that may help certain BRICS+ nations skirt US sanctions (such as Russia and Iran) that restrict their ability to transact with other markets, both South Africa and India have rejected the idea of dedollarisation. The South African government recently said there are no plans to create a BRICS currency, but noted that BRICS discussions focus on trading among members using their own national currencies.

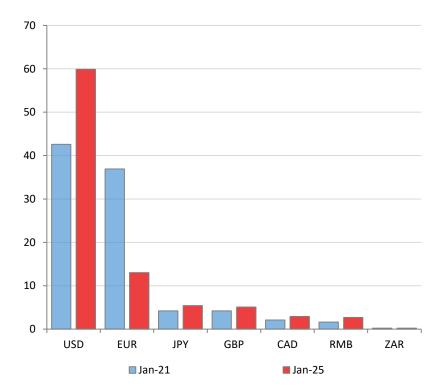
At the 2024 BRICS summit in Kazan, members agreed to look at the feasibility of establishing an "independent cross-border settlement and depositary infrastructure", called "BRICS Clear", and tasked their finance ministers and central bank governors to "continue consideration" of local currencies and payment instruments, where appropriate.



BRICS+ and RMB's internationalisation | burgeoning role

BRICS+ nations have been increasingly transacting in local currencies, with suggestions that the RMB is being used to denominate ~30% of China's own goods trade with other markets. Promoting RMB acceptance remains a key long-term goal of the Chinese authorities.

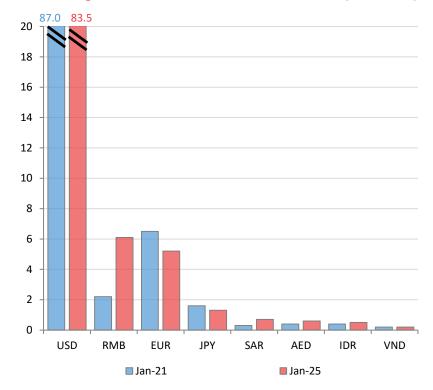
The RMB is gradually being used in international payments Share of global currencies used in international payments (% of total)



The RMB is increasingly being used for international payments — with its share having increased slightly from 1.6% in January 2021 to 2.7% in January 2025. Promoting RMB acceptance is a strategic priority for China.

The RMB is also increasingly being used in trade finance

Share of global currencies used in trade finance (% of total)



The RMB has gained market share in global trade finance, from ~2% in January 2021 to ~6% in January 2025. Yet, the **USD's dominances** remains unrivalled with its ~90% of the share.



US President Trump | "no chance that the BRICS will replace the US dollar"







The idea that the BRICS countries are trying to move away from the US dollar, while we stand by and watch, is OVER. We are going to require a commitment from these seemingly hostile countries that they will neither create a new BRICS currency, nor back any other currency to replace the mighty US dollar or, they will face 100% tariffs, and should expect to say goodbye to seeling into the wonderful US economy. There is no chance that BRICS will replace the US dollar in international trade, or anywhere else, and any country that tries should say hello to tariffs, and goodbye to America!

Contents

1	Executive summary Emerging markets and Trump 2.0	03-04
2	"Liberation Day" and the aftermath Tariff wall and a test of endurance	05-12
3	EMs – trade, defence and de-risking EMs squarely in the crosshairs of the US "power-based" doctrine	13-26
4	EMs – performance during recessions Pain, panic and payback	27-30
5	EMs — where to play to win (and hide) The list is not long	31-37
6	Commodities and emerging markets forecasts Quarterly and annually estimates – as of April 2025	38-40
7	MUFG Global Markets Research Credentials	41-44

Trump 2.0 recession countdown | pain, panic and payback

The spectre of a tariff escalatory spiral has brusquely raised the probability of a global recession. This will imply weaker equities, wider credit spreads, a deeper Fed cutting cycle and higher longer-dated market volatility.

History signals equities and policy rates have more room to fall in a recession

Recession period	Equity drawdown (%)	Fed cut (basis points)	Unemployment rate increase (%)	Core CPI (% y/y)	
1980	-17%	1230bps	2.2%	12.0% y/y	
1981	-27%	1410bps	3.6%	11.6% y/y	
1990	-20%	525bps	2.6%	5.5% y/y	
2001	-49%	550bps	2.5%	2.7% y/y	
2008	-57%	525bps	5.6%	2.5% y/y	
2020	-34%	150bps	2.9%	2.1% y/y	
Current**	-19%			3.1% y/y	

VIX index is in territory associated with recessions but other gauges are not

		1990 max		2001 max		2008 max		2020 max	
	Current	3m	Whole recession						
VIX	52bps	36bps	36bps	35bps	44bps	32bps	81bps	83bps	83bps
HY credit spreads (bps)	449bps			749bps	902bps	831bps	1971bps	1100bps	1100bps
12m SPX implied volatility	22bps			23bps	27bps	25bps	46bps	5.5% y/y	38bps
5s30s (bps)	85bps	58bps	64bps	105bps	178bps	211bps	219bps	2.7% y/y	110bps

Markets have priced a large downgrade to growth views alongside a hawkish policy shock that reflects fear that the Fed response will be more hesitant than usual given inflation risks. The implied growth downgrade on 3 and 4 April exceeded anything seen outside the initial COVID shock, one episode in the GFC, and Black Monday in 1987.

The history of equity drawdowns and policy rate cuts in recessionary periods shows a **wide range of outcomes**. The current peak-to-trough equity drawdown of ~18% takes us to the smallest of those recessionary bear markets, but significantly less than an average experience.

Typical declines in the US rates in past recession are also much larger than what the market is currently pricing (less than 100bp in 2025 and ~130bp to the trough). The standard has been for rates to fall by over 500bp. Thus, front-end rate markets are not yet pricing recession*.

On net, while the market has put a much larger weight on a recessionary case, the risks still skew to the downside unless we see a shift in the policy path. Acknowledging that the landscape is fluid, we highlight four conclusions:

(1) there is a high chance that we continue to push towards full recession pricing; (2) a policy pivot is the most clear route to market recovery; (3) as in other bear market periods, the risk of sharp counter-trend rallies is higher than normal; and (4) after asset market movements this acute, it is critical to keep an eye on the kinds of financial stresses that could accelerate downside risks.



EMs during recessions | EM assets do not trade well

EM markets trade differently in recessionary episodes. We see EM credit spreads widening further, while EM rates typically bifurcate in recessionary episodes – low yielders see yields decline (like DMs), and high yielders see higher yields (like a credit asset class).

EM spreads have widened markedly into US recessions, seeing cyclical peaks* Key EM and DM asset price moves in US recessions since 1960

			DM markets		EM markets					
US recession start	US recession end	US equity max drawdown (%)	US BBB corp spread change (bps)	US BBB corp spread peak (bps)	EM sovereign spread change (bps)	EM sovereign spread peak (bps)	EM FX max drawdown (%)			
Apr-60	Feb-61	-28%	70bps	132bps						
Dec-69	Nov-70	-35%	187bps	276bps						
Nov-73	Mar-75	-48%	220bps	331bps						
Jan-80	Jul-80	-17%	201bps	299bps						
Jul-81	Nov-82	-27%	242bps	382bps						
Jul-90	Feb-91	-20%	85bps	236bps		1305bps				
Mar-01	Nov-01	-49%	113bps	266bps	429bps	1040bps	-26%			
Dec-07	May-09	-57%	668bps	784bps	740bps	891bps	-26%			
Mar-20	Apr-20	-34%	347bps	474bps	385bps	662bps	-13%			
Current		-17%	32bps	130bps	64bps	346bps	-2%			

EM credit assets have not moved much as prior sell-offs in US risk-off periods Credit asset moves from the min/max spread widening dates of the EMBIG index

			_				-		
Period of low US growth		EMBIG spreads	USCEMBI BD spreads	EMBIGD HY spreads	EMBIGD HY/IG spread ratio	CEMBI HY/IG spread ratio	CEMBI vs US HG spread	CEMBI oil & gas vs utilities spread	
N	1in	Max	Spread chg (bp)	Spread chg (bp)	Spread chg (bp)	Ratio change	Ratio change	Spread chg (bp)	Spread chg (bp)
Sep	o-00	Oct-00	148bps						
Au	g-02	Sep-02	127bps	35bps	130bps	0.2	0.5	42bps	204bps
Ma	y-06	Jun-06	53bps	22bps	70bps	0.2	0.4	14bps	20bps
Jar	า-11	Mar-11	55bps	45bps	76bps	0.3	0.2	44bps	30bps
Jul	l-11	Oct-11	206bps	241bps	263bps	0.3	0.4	135bps	46bps
Ma	ır-12	Jun-12	125bps	87bps	159bps	0.4	0.2	46bps	43bps
Dec	c-13	Feb-14	72bps	41bps	100bps	0.2	0.1	37bps	10bps
No	v-15	Feb-16	131bps	110bps	177bps	0.2	0.2	62bps	121bps
Oct	t-18	Jan-19	82bps	70bps	124bps	0.4	0.2	21bps	28bps
Jan	1-22	Jul-22	174bps	126bps	462bps	2.1	0.6	102bps	147bps
	Ave	erage	117bps	86bps	173bps	0.5	0.3	56bps	99bps
Feb	o-25	Apr-25	64bp	50bps	130bps	0.3	0.2	19bps	31bps

EM assets do not trade well in recessions. Recessions are economic discontinuities that happen infrequently and EM markets trade differently in recessions compared to the rest of the cycle. Analysis of EM moves in US recessions is hampered by the fact that there have only been a few cycles since the early 1990s when the modern EM asset classes emerged and even fewer from the early 2000s when our full suite of EM fixed income indices started. We have therefore looked at EM asset behaviour in these recessions available but also highlight proxy "risky asset" behaviours over more cycles*.

What looks clear through these US recessions is that:
(1) the moves wider in credit spreads and lower in equities are substantial into US recessions; (2) these moves are typically larger than at any other point in the cycle; (3) these moves are consistent across cycles, i.e. there hasn't been a US recession that didn't involve a large spread widening and large equity drawdown. These conclusions seem intuitive as a US recession is the tail of the cyclical distribution which involves economic discontinuity.

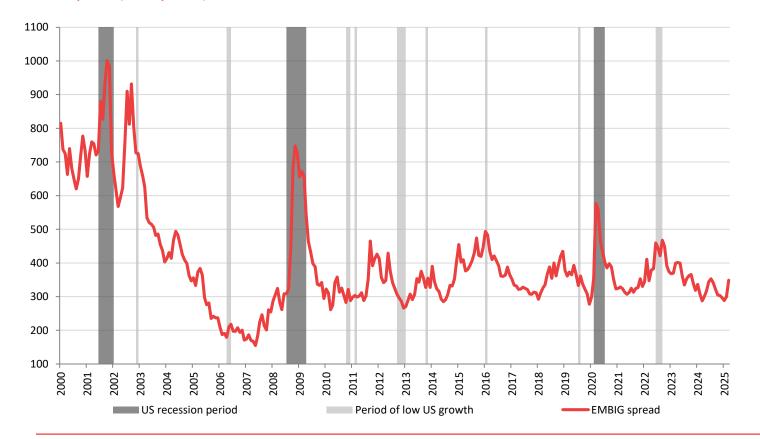
The patterns for EM assets in the cycles we have seen since the 1990s are also consistent with these behaviours. EM spreads have widened significantly into US recessions and seen their cyclical peaks at that point.



EM credit spreads | not pricing in a recession (as yet)

Despite the recent widening EM credit has not fully priced a particularly bad outcomes for US growth. Following recent moves, spreads are 70bp from recent lows but still look expensive, and if markets need to price more recession risk then spreads can go much higher.

EM credit spreads widened in the lead up and during past periods of low US growth – recent widening EM spread has not fully priced a bad US growth outcome EMBIG spread (basis points)



While a US recession is increasingly coming into view, we assess how EM assets trade in non-recessionary low US growth periods (i.e. sub-1% on a quarterly SAAR basis). EM sovereign (EMBIG) spreads sold off on average ~400bp in past US recessions and ~120bp (for EMBIGD) in previous periods of low US growth. Since the recent lows in mid-February, EMBIG has widened ~75bps, still less than during periods of past low US growth.

Looking at a wider range of indicators for signs of stress, credit markets are still under-pricing bad outcomes for US growth: (1) EM sovereign bond-CDS basis is yet to markedly rise; (2) CEMBI has not underperformed; (3) US HG significantly and; (4) cyclical EM corporate sectors such as oil and gas have not moved much versus defensive utilities.

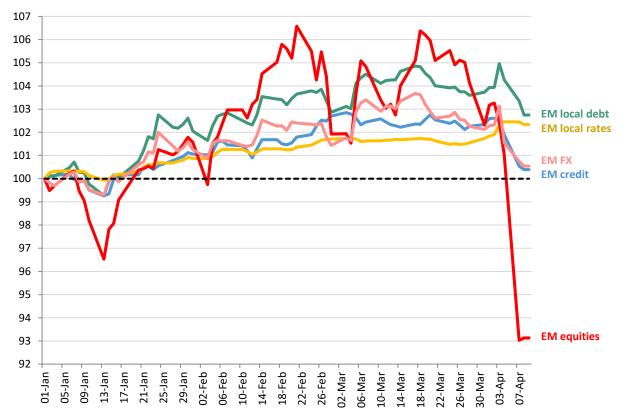
Contents

1	Executive summary Emerging markets and Trump 2.0	03-04
2	"Liberation Day" and the aftermath Tariff wall and a test of endurance	05-12
3	EMs – trade, defence and de-risking EMs squarely in the crosshairs of the US "power-based" doctrine	13-26
4	EMs – performance during recessions Pain, panic and payback	27-30
5	EMs — where to play to win (and hide) The list is not long	31-37
6	Commodities and emerging markets forecasts Quarterly and annually estimates – as of April 2025	38-40
7	MUFG Global Markets Research Credentials	41-44

EM cross-assets | the sum of all fears

It was a rollercoaster first quarter of 2025 for EM cross-assets with shifting narratives from US exceptionalism/de-exceptionalism, tariffs, trade tensions, geopolitics, China's policy stimulus, Germany's fiscal reform, and US recession angst. We are highly cautious going forward.

Notwithstanding the confluence of moving parts, it all started well for EM cross-assets in Q1 2025 – tariff angst from 2 April warrants caution EM financial asset performance (rebased 1 January 2025 = 100)



Few expected 2025 to start as a quiet period, given the highly unpredictable global backdrop – ranging from looming tariffs under the new US administration and Chinese uncertainty to shifting inflation, monetary policy expectations and rising fiscal concerns – but the scale and scope of shifts in market narratives has been surprising.

EM has weathered the storm relatively well, as all assets ended the first quarter in positive territory. EM local currency debt led the pack, thanks in large part to a strong contribution from EM FX following a bout of US dollar weakness. EM equities also did rather well, with some markets, such as Colombia, Poland, Mexico, and mainland China posting strong gains in Q1 2025.

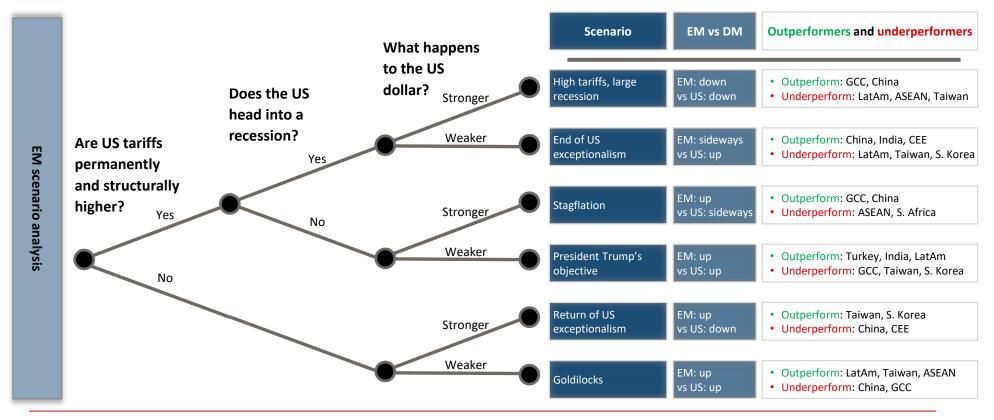
Although the essential features of the outlook remain the same as we documented in our EM 2025 outlook (see here), several significant developments have occurred during Trump 2.0 thus far. First, the uncertainty in US policy seems to be affecting US growth more than growth elsewhere. Second, that uncertainty has also had a galvanising effect on policy outside the US, leading to, among other things, significant changes in German fiscal policy and greater European cooperation. These unexpected developments have contributed to an admirable outperformance across all major EM assets. Yet, we are cautious for the rest of Q2 2025 and prefer fixed income amid dovish repricing of monetary policy.

America First, rotation to EM second | inflection point

President Trump's focus on an America First trade policy to unleash domestic investment, jobs and growth, has raised US exceptionalism concerns. In the medium-term, we see EMs rising as relative winners, benefitting from global capital re-allocation away from the US.

Inflection point for EMs

- Near-term downside risks are extremely elevated. The growth shocks from President Trump's reciprocal tariffs could be significant and compounded if followed by tit-for-tat retaliatory measures, as already seen from China. In a broad risk-off event triggered by recession fears EM assets could be hit hard.
- We could be on the precipice of a structural shift in equity flows globally. Heightened geopolitical and trade tensions could reinforce an "anti-America" trade with important consequences safety first but EMs may begin to benefit from global capital re-allocation away from the US.



Forces driving the EM rotation | push-and-pull

What could drive a greater reallocation to EMs? We split "push" and "pull" factors. "Push" factors are US centric and force investors to move out of US assets and into global alternatives. "Pull" factors are EM centric and entice investors to choose EM over others.

Push factors

- "Push" factors are US centric and force investors to move out of US assets and into global alternatives.
- From this perspective the spotlight is on the US macro and policy picture and specifically three key drivers: (1) the scale and uncertainty around US tariffs, (2) the depth of the US economic slowdown and (3) the path of the US dollar. Each factor remains in flux with uncertainty at unprecedented highs.





Pull factors

- "Pull" factors are EM centric and entice investors to choose EM assets over other markets.
- The biggest "pull" factor is China in our view, where sizeable fiscal stimulus should offer support to the economy amid tariff uncertainties.
- We also see "pull" factors from idiosyncratic and structural stories in EM which are resilient to the tariff headlines and potential US growth slowdown. This includes GCC IG, Chile and several EM high yielders.



- The outcome of the "Liberation Day" tariff announcement was **benign for LatAm**, especially compared to the rest of EM and in particular EM Asia. It's clear that the tariff announcements will have done **little to reduce uncertainty and is potentially a starting point for negotiations rather than a clearing event for EM assets**.
- Importantly, some goods are exempt from the reciprocal tariffs. These include steel/aluminium articles, copper, pharmaceuticals, semiconductors, lumber articles, bullion, and energy. However, it is unclear whether this is just a sign of even more to come. For example, President Trump has previously mentioned hitting other sectors such as semiconductors, pharmaceuticals and agriculture with a more targeted tariff in a similar fashion to the 25% tariffs already imposed.



- The **recession narrative in the US is picking up**, and it is increasingly becoming a base case scenario for markets. Downside risks to US economic activity is on the rise due to trade policy uncertainty and a diminishing likelihood of a Fed or Trump put compared to 2016-20.
- A large slew of US economic indicators from confidence measures to Fed surveys, to uncertainty indices now point to slowing activity in the months ahead. If tariff noise and uncertainty persist, the slowdown in leading indicators, investment, and hard data could turn into a nosedive. The potential impact from DOGE-related spending cuts is another concern and we will be watching Federal spending outlays closely.



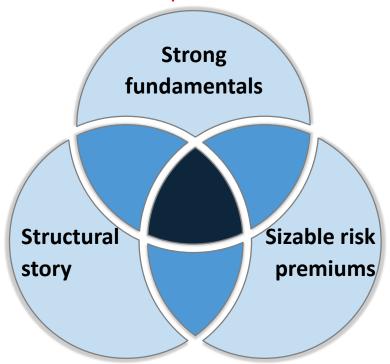
- The outlook for the USD is another key driver of the relative performance for EMs for EM assets to sustainably outperform, it requires the USD to weaken, or at the
 very least, not strengthen meaningfully.
- The narrative for the USD has shifted. What once fuelled expectations of USD strength significant US policy uncertainty has now morphed into fatigue, and more recently, a drag on the USD. The US administration's disruptive policy mix, with focus on tariffs and anti-immigration over pro-growth tax cuts and deregulation, has chipped away at the US exceptionalism narrative. What now matters most is whether we will see a structural shift in global portfolio flows which remain skewed towards US assets.
- Push factor:
 China and EM
 structural
 narratives
- The biggest "pull" factor is China in our view, where sizeable fiscal stimulus should offer support to the economy amid tariff uncertainties.
- We also see "pull" factors from idiosyncratic and structural stories in EM which are resilient to the tariff headlines and potential US growth slowdown.
- The well-positioned defensive Middle East investment grade economies and Chile are sound macro narratives in this setting. Egypt, Israel, Philippines and Turkey are most trade insulated. Larger EMs Argentina, Brazil and India fairly closed with some strategically vital as a counterweight to China, may better contain trade strains through US negotiations.



EM winners and laggards from tariffs | investor positioning

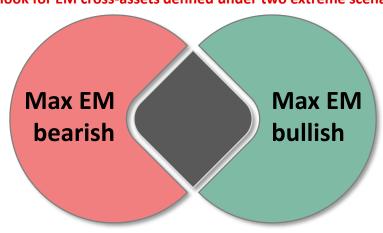
It is prudent to remain cautious in an unfavourable setting marked by low growth / sticky inflation. We anchor our EM selection criteria on the three "S's" – "strong" fundamentals, "structural" narratives and "sizable" risk premiums – with extreme uncertainties abound.

We favour EMs that comprise at least one of the 3 "S's" EM selection criteria premised on the "3S" model



The well-positioned defensive Middle East investment grade economies and Chile are sound macro narratives in this setting. Egypt, Israel, Philippines and Turkey are most trade insulated. Larger EMs – Argentina, Brazil and India – fairly closed with some strategically vital as a counter to China, may better contain trade strains through US negotiations.

A muddle-through scenario between two extremes Outlook for EM cross-assets defined under two extreme scenarios



Despite our **three "S" selection criteria**, we view EM prospects span a wide spectrum of possibilities, defined by **two extreme scenarios**:

Max EM bearish

- US exceptionalism
- High/attractive US rates
- · A strong US dollar
- Robust US growth with limited EM spillovers given extentive protectionist policies in the US

Max EM bullish

- Akin to Trump 1.0 in 2017
- US growth spillovers into EM/RoW despite (less) protectionist policies
- China stimulus drives confidence and a rebound in the economy
- With US and China performing, this goldilocks is ideal for EMs

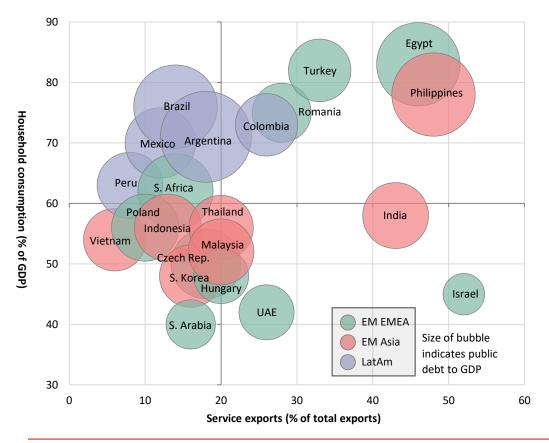


Where to play to win (and hide) | the list of EMs that standout is not long

Given all the uncertainties, the path of least resistance is to remain cautious. EM's moment will come as the dust settles with adjustments to the new normal. Until then, the strategy is best focused on those EM's comprising strong domestic fundamentals and fiscal headroom.

EMs with a higher share of household consumption and services exports will likely stand out given risks on the goods trade front

EM household consumption (% of GDP) and services exports (% of total exports)



Given EM's exposure to the US markets and the fact that the rest of the world combined simply cannot replace the US's consumption power, it's likely that there might be further downward pressure on EM activity. It is possible that the trade-dependent economies could try to divert their exports out of the US, although this might itself cause some tensions with those who would find their markets flooded with cheap products, prompting them to potentially raise their own protectionist trade barriers and/or tariffs.

In such an environment, we view that the strategy should be to focus on markets with strong domestic fundamentals, a higher share of household consumption in their GDP, a higher share of services in their export basket, and those EMs which have the fiscal headroom to support their economies if needed, as the rates outlook will be tied to the Fed's future trajectory as well as the gyrations in their currencies.

Regionally, LatAm seems to be the region that is relatively less impacted. EM Asia has seen the highest tariffs, so the region's central banks will likely prioritise growth by reducing interest rates, but currency volatility might intervene. Meanwhile, EM EMEA is inbetween in terms of the tariff impact.

In such an environment we ask where to play to win (and hide)? The list of EMs is not long, in our view. The well-positioned defensive Middle East investment grade economies and Chile are sound macro narratives in this setting. Egypt, Israel, Philippines and Turkey are most trade insulated. Larger EMs – Argentina, Brazil and India – fairly closed with some strategically vital as a counter to China, may better contain trade strains through US negotiations.

EM cross-asset strategy | fixed income over equities

Could it get any more challenging? Given the extreme uncertainty and volatility, it would be prudent to be cautious in stance. In terms of positioning, the backdrop is more supportive of fixed income assets rather than equities. Rate cuts will likely support local currency debt.



EM local rates

- Market consensus was bearish on EM rates on the view that EM ratecutting cycles were coming to an end, with select markets hiking, inflation risks were to the upside and that the market was already pricing in over two Fed rate cuts.
- However, the impact on local rates going forward in the midst of a growth and sentiment shock is ambiguous. Rising credit risk premia and FX depreciation, as well as an on-hold Fed, pose upside pressure against the negative growth shocks.
- The FX markets need to consider the large magnitude of these tariffs and the impact on trade, but also the second-order effects that the tariffs could have on driving capital flows out of the US.
- These second-round effects on the USD are likely more pertinent for DM reserve currencies – JPY, CHF or EUR.
- For EM FX, the trade channel will loom large and EM currencies are unlikely to receive capital inflows in a risk-off environment.



- 2
- With recession fears sparking a broad risk-off mood, EM equities could be hit hard in the coming weeks and there's few obvious places to hide.
- The rollback in some of the tariff announcement or the Fed/Trump put could help the market form a bottom – we await for the dust to settle to determine where we are post 90 day pause in reciprocal tariffs on 9 April.
 - Still, once the dust settles and market volatility eases, we believe EM equities could emerge as an eventual winner.

EM crossasset strategy thus far under Trump 2.0

- We remain cautious EM sovereign credit as recession risks seem to be only pointing higher that could spur a larger correction to what have been historically tight levels of USD credit spreads.
- While ongoing room to run in distressed stories had kept the space on the sidelines on EMBIGD, with a spread compression bias heading into 2025, we now see rising risk of a more beta driven classic decompression move – this may warrant a spread target of 400bp should recession probabilities rise.

3 EM FX

EM sovereign credit



Contents

1	Executive summary Emerging markets and Trump 2.0	03-04
2	"Liberation Day" and the aftermath Tariff wall and a test of endurance	05-12
3	EMs – trade, defence and de-risking EMs squarely in the crosshairs of the US "power-based" doctrine	13-26
4	EMs — performance during recessions Pain, panic and payback	27-30
5	EMs — where to play to win (and hide) The list is not long	31-37
6	Commodities and emerging markets forecasts Quarterly and annually estimates – as of April 2025	38-40
7	MUFG Global Markets Research Credentials	41-44

EM performance and forecasts | as of April 2025

	Country	Real GDP Fiscal balance (% y/y) (% of GDP)				Current account (% of GDP)			Inflation (% y/y, average)			Policy interest rates (end period, %)			FX against USD (end period)				
	Country	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025*	2026**
-	EM	4.9%	4.2%	4.1%	-5.6%	-4.6%	-4.5%	1.7%	1.1%	0.8%	6.6%	3.4%	3.1%						
-	EM EMEA	2.8%	2.5%	2.8%	-4.6%	-3.8%	-3.2%	0.8%	0.1%	0.1%	17.0%	11.9%	7.6%						
1	MENA	2.1%	4.2%	4.3%	-1.7%	-2.0%	-3.4%	2.5%	1.5%	0.6%	14.8%	11.6%	9.8%						
2	GCC	1.8%	4.0%	4.1%	0.8%	0.3%	-1.3%	6.2%	4.4%	1.9%	1.9%	1.9%	2.3%						
3	Bahrain	2.6%	3.0%	2.9%	-4.0%	-5.3%	-5.0%	5.3%	4.2%	1.9%	1.4%	1.7%	1.9%	6.00%	5.50%	5.25%	0.38	0.38	0.38
4	Czech Rep	1.1%	2.3%	2.4%	-2.8%	-2.3%	-2.2%	1.3%	0.9%	0.8%	2.5%	2.3%	2.1%	4.00%	3.25%	3.00%	24.34	21.88	21.67
5	Egypt	2.4%	4.2%	4.8%	-4.3%	-7.8%	-6.0%	-6.6%	-4.5%	-3.2%	33.3%	18.5%	12.0%	27.25%	18.25%	13.25%	51.02	45.50	51.40
6	Hungary	0.6%	2.3%	3.2%	-4.9%	-4.4%	-3.9%	2.0%	1.9%	1.8%	3.7%	4.2%	3.5%	6.50%	5.75%	5.00%	397.45	356.30	364.0
7	Iraq	-2.9%	4.1%	5.2%	-1.2%	-8.2%	-9.0%	4.5%	-3.4%	-4.4%	4.4%	3.5%	3.5%		3.50%	3.25%	1310.0	1310.0	1310.0
8	Israel	0.3%	3.5%	3.9%	-6.8%	-5.1%	-3.7%	4.4%	4.0%	3.7%	3.1%	2.9%	2.3%	4.50%	4.00%	3.00%	3.64	3.10	
9	Jordan	2.4%	2.6%	2.7%	-4.3%	-4.0%	-3.4%	-5.0%	-4.6%	-4.3%	2.1%	2.0%	2.2%	7.25%	6.75%	6.50%	0.71	0.71	0.71
10	Kuwait	-2.7%	3.0%	2.9%	-4.8%	-5.7%	-3.4%	28.2%	17.0%	17.2%	3.0%	2.5%	2.3%	4.00%	3.50%	3.25%	0.31	0.30	0.30
11	Morocco	3.1%	3.9%	3.8%	-4.4%	-3.8%	-3.3%	-2.0%	-2.4%	-2.3%	1.7%	2.2%	2.1%	2.50%	2.00%	1.75%	9.88	9.77	
12	Nigeria	3.1%	3.3%	3.4%	-4.6%	-4.2%	-4.1%	-0.5%	2.9%	2.5%	33.2%	25.8%	15.0%	27.50%	25.00%	19.00%	1544.08		
13	Oman	1.0%	3.2%	3.0%	1.5%	-0.5%	-1.1%	2.3%	-0.7%	0.2%	1.3%	1.3%	1.2%	4.68%	4.50%	4.25%	0.38	0.39	0.39
14	Poland	2.9%	3.3%	3.2%	-5.8%	-5.6%	-4.8%	0.3%	-0.3%	-0.5%	3.7%	4.4%	3.2%	5.75%	5.00%	4.00%	4.13	3.84	3.7280
15	Qatar	1.5%	2.7%	5.2%	4.5%	2.6%	5.0%	13.4%	13.1%	14.5%	1.0%	1.7%	1.9%	4.85%	4.25%	4.00%	3.64	3.64	3.64
16	Romania	0.8%	2.9%	2.9%	-7.9%	-7.3%	-7.3%	-7.6%	-7.2%	-7.2%	5.6%	3.9%	3.9%	6.50%	4.50%	4.50%	4.80	4.50	4.412
17	Russia	4.1%	1.6%	1.4%	-1.7%	-1.2%	-1.1%	3.0%	2.6%	2.4%	8.4%	7.6%	5.4%	21.00%	17.00%	11.00%	113.52	92.03	89.37
18	Saudi Arabia	1.2%	4.6%	4.6%	-2.9%	-3.2%	-3.2%	1.0%	-0.2%	-0.2%	1.7%	1.9%	1.9%	4.50%	4.00%	4.00%	3.76	3.75	3.75
19	South Africa	0.6%	1.7%	1.9%	-5.0%	-4.6%	-4.2%	-0.6%	-1.9%	-2.2%	4.4%	4.1%	4.5%	7.75%	7.00%	7.00%	18.84	18.75	18.75
20	C * Turkey	3.2%	2.6%	3.5%	-4.9%	-3.5%	-3.0%	-0.8%	-1.3%	-1.4%	60.0%	32.5%	21.0%	47.50%	28.50%	22.00%	35.35	35.50	46.00
21	UAE	4.0%	5.0%	4.2%	4.7%	4.3%	4.5%	8.8%	8.7%	8.4%	2.3%	2.0%	2.1%	4.44%	3.75%	3.50%	3.67	3.67	3.67
22	Ukraine	3.9%	3.4%	4.8%	-19.0%	-17.7%	-10.7%	-7.8%	-7.5%	-7.9%	6.5%	11.6%	6.7%	13.50%	13.50%	11.00%	38.13		



Commodity price performance and forecasts | as of April 2025

	Commodity	22071	Unit / USD	Quarter Averages									Annual Averages				
	BCOM Index	BBG Ticker	Weight	Q4-23	Q1-24	Q2-24	Q3-24	Q4-24	Q1-25	Q2-25	Q3-25	Q4-25	2023	2024	2025	2026	
1	Energy	BCOMENSP Index	39.8%														
2	WTI Crude	CLA Comdty	USD/b	79.32	71.59	74.98	71.34	69.13	68.00	64.00	69.00	72.00	70.38	71.76	68.25	78.00	
3	Brent Crude	COA Comdty	USD/b	83.12	76.07	79.44	75.61	72.84	73.00	69.00	74.00	77.00	75.01	75.99	73.25	83.00	
4	US Natural Gas	NGA Comdty	USD/MMBtu	3.38	3.03	3.06	2.86	2.81	3.20	2.90	2.70	2.90	3.59	2.94	2.93	3.40	
5	EU Natural Gas	TZTA Comdty	EUR/MWh	48.51	30.64	35.30	38.27	42.67	52.00	38.00	33.00	29.00	45.53	36.72	38.00	28.00	
6	EU ETS EUA	MOA Comdty	EUR/MT	77.79	63.90	72.47	70.80	68.18	73.00	75.00	79.00	82.00	93.28	68.84	77.25	85.00	
7	Metals	BCOMIN Index	28.1%														
8	Copper	LMCADS03 Comdty	USD/MT	8,172	8.540	9,873	9,336	9,308	9,050	9,275	9,650	9,900	8,523	9,264	9,469	11,500	
9	Aluminium	LMAHDS03 Comdty	USD/MT	2,219	2,241	2,565	2,420	2,603	2,600	2,675	2,750	2,875	2,288	2,457	2,725	2,950	
10	Zinc	LMZSDS03 Comdty	USD/MT	2,501	2,475	2,877	2,829	3,058	3,150	3,050	3,200	3,325	2,651	2,810	3,181	3,450	
11	Nickel	LMNIDS03 Comdty	USD/MT	17,748	16,837	18,660	16,499	16,232	16,025	15,800	15,700	15,850	21,688	17,057	15,844	15,500	
12	Gold	GCA Comdty	USD/Troy Oz	1,987	2,072	2,338	2,479	2,661	2,850	2,775	3,050	3,080	1,943	2,387	2,939	3,280	
13	Silver	SIA Comdty	USD/Troy Oz	23.51	24.78	30.39	30.56	32.17	32.50	31.85	32.80	33.50	25.51	29.48	32.66	35.50	
14	Platinum	PLA Comdty	USD/Troy Oz	905.79	946.80	1,019.61	989.18	982.55	1,015	1,045	1,020	1,045	971	984.53	1,031	1,090	
15	Palladium	PAA Comdty	USD/Troy Oz	1,094	1,028.50	1,013.67	975.69	1,026.58	940	960	965	1,020	1,240	1,011	971	1,050	
16	Bulk Commodities																
17	Hard Coking Coal	IACA Comdty	USD/MT	323.99	274.14	273.25	243.60	226.69	215.00	235.00	240.00	230.00	252.08	254.42	230.00	275.00	
18	Iron Ore	ISIX621U Index	USD/MT	124.58	105.92	105.58	98.24	102.07	95.00	90.00	100.00	105.00	97.86	102.95	97.50	112.50	
19	Agriculture	BCOMAG Index	32.1%														
20	Soybean	S A Comdty	USD cen/lb	1,326	1,188	1,189	1,068	1,022	1,020	1,000	1,050	975	1,250	1,117	1,011	1,050	
21	Wheat	W A Comdty	USD cen/bush	599.45	638.43	685.21	598.27	585.58	615.00	600.00	620.00	675.00	716.00	626.87	627.50	620.00	
22	Corn	C A Comdty	USD cen/bush	493.68	491.40	491.00	433.63	444.05	420.00	450.00	415.00	475.00	535.00	465.02	440.00	485.00	
23	Cotton	CTA Comdty	USD cen/lb	83.17	82.73	79.20	73.05	72.83	70.00	72.00	75.00	78.00	79.29	76.95	73.75	80.00	
24	Coffee	KCA Comdty	USD cen/lb	174.75	185.29	213.98	239.34	280.54	350.00	380.00	375.00	390.00	173.29	229.79	373.75	420.00	
25	Sugar	SBA Comdty	USD cen/lb	26.75	21.00	19.11	18.86	19.95	21.50	21.25	21.00	21.50	19.82	19.73	21.31	22.00	

MUFG

Contents

1	Executive summary Emerging markets and Trump 2.0	03-04
2	"Liberation Day" and the aftermath Tariff wall and a test of endurance	05-12
3	EMs – trade, defence and de-risking EMs squarely in the crosshairs of the US "power-based" doctrine	13-26
4	EMs – performance during recessions Pain, panic and payback	27-30
5	EMs — where to play to win (and hide) The list is not long	31-37
6	Commodities and emerging markets forecasts Quarterly and annually estimates – as of April 2025	38-40
7	MUFG Global Markets Research Credentials	41-44

MUFG research solutions | stay connected

MUFG's global markets research team applies global perspectives to provide easy-to-grasp, research-backed outlooks by leveraging cutting-edge technologies and innovative tools to bring clients and investors industry-leading insights as well as investment advice

Employing rigorous quantitative techniques combined with macro, sector and company expertise, our analysts help shape the industry standard for delivering the most comprehensive and impactful research to clients and investors through our suite of product offerings and tailor-made solutions

For more information please contact: ehsan.khoman@ae.mufg.jp

Our Research in numbers

Best-in-class thought leadership

20+

800+

18,000+

analysts located in 10 countries

volume of research published in FY21

downloaded research content per month



MUFG GMR ranked 1st in the Reuters StarMine Awards in 2020 – third time MUFG GMR was ranked 1st in the last 9 years, having also won top spot in 2017 and 2012

How to connect with our Research platforms



Log on to the website www.mufgresearch.com







Key Research reports



ESG Monthly
Compendium
Commodities
Weekly
EM EMEA
Weekly
Global Markets
Monthly
FX Monthly
FX Weekly





Thematic based reports



Tailor-made client centric research



Latest key MUFG thought leadership reports I

ESG 2025 outlook

Navigating the physical realities of the energy transition



Commodities 2025 outlook

Stay selective, hedge Trumpinduced tail risks



COP29 previewClimate finance to take centre

stage



Sustainability themes for 2025

What's rising, falling, maturing and ambiguous



Energy 2025 outlook
Abundant supply, watch the tails



US Federal Reserve and commodities

Commodities outperform on Fed cuts in soft landings



ESG 2025 considerations (part 1 of 3)

Climate



Emerging Markets 2025
Navigating choppy waters



Natural capital in the balance
Scaling the nature transition

ESG Series Natural capital in the balance.
Softer the Yang: Industry

August 2024

ESG 2025 considerations (part 2 of 3)

Sectors



Middle East 2025
Themes shaping the outlook in 2025



US Inflation Reduction
Act (IRA) two year on
How the US elections may
alter the capex supercycle



ESG 2025 considerations (part 3 of 3)

Regions



COP29 outcomes
Historic "face value" climate
finance agreement



Energy transition's shortage of returns Profitability (not capita) remains the critical barrier





Latest key MUFG thought leadership reports II

AI, datacenters and sustainability

Catalysing generational power demand growth



ESG 2024 outlook

The corporate trilemma between growth, profitability and sustainability



The de-dollarisation of petrodollars

Contained and constrained



GCC region and the energy transition

Strategically positioned to be a vital decarbonisation vanguard



Al's influence in scaling ESG's maturation

Transformative or disruptive?



National oil companies journey to net zero Performing and transforming



Global gas market outlook

Forthcoming gas "mega-supply" will end the energy crisis



Putting global carbon markets to work

Scaling up to meet net zero ambitions



Scope 3 emissions
The largest element in the netzero conundrum



8 themes shaping today's ESG landscape

Corporate and investor guide on the key conversations



Commodities caught between the Fed, China and volatility

2007's late cycle redux



Recession risks across emerging markets

Demystifying debt distress

Demystifying debt, distress and defaults



US Inflation Reduction Act one year on

Contextualising the capex renewables capex supercycle



EU's response to the US Inflation Reduction Act Scaling the "Atlantic IRAs"

Scaling the "Atlantic IRAs" renewables capex supercycle



ESG in the EMEA region
The corporate and investor

guide to the pillars for the next phase





Disclaimer

MUFG Bank, Ltd. ("MUFG Bank") is a limited liability stock company incorporated in Japan and registered in the Tokyo Legal Affairs Burusa (icmpany no. 0.100-0.108846), MUFG Bank's head office is at 7-1 Marunouch) 2-Chome, Chlyoda-Nu, Tokyo 100-8388, Japan MUFG Bank's London branch is unbrined sizeries as a Just Establishment in the UFF registered or as URE-stablishment of the UFF registered or as URE-stablishment or Index (registered or Index (registered or as URE-stablishment or Index (registered or Index (registere

This Presentation has been prepared by MUFG Bank. This Presentation is not intended for Real Clients within the meaning of the United Kingdom PRA/FCA rules and should not be distributed to Real Clients. This Presentation has been prepared for information purposes only and for the avoidance of doubt, nothing express or implied in this Presentation constitutes any commitment by MUFG Bank rate in 16 is subsidiaries or affiliates to arrange and/or provide any any services and/or financing. This Presentation on the presentation and the presentation and presentation and presentation and the presentation and make no representation or visual presentation and the presentation and make no representation or visual presentation and the presentation and make no representation or visual presentation and the presentation and make no representation or visual presentation and make no representation or visual presentation or visual present

This Presentation in based on information from sources deemed by MUFG Bank to be reliable but is not guaranteed to be accurate and should not be regarded as a substitute for the exercise of the recipient's own judgment. The views contained in this Presentation (including any statements in the Presentation or update the information contained therein. The provision of the service described in this Presentation is or will be subject to an agreement constituting terms of business ("the Agreement"). In the event of a conflict between information in this Presentation and the Agreement, the latter shall prevail. The MUFG Bank is under man-no-bubble is part of the Missabishi UFF innarial Group and is located at Level 3, East Wing, The Gank, Dubble internal Service, Agency, The Bank's S Doth Barnanda Services, Bank's Dubble Jamenda Services, Bank's Dubble Jam

This presentation has been prepared by the Bank and is not intended for Retail Clients within the meaning of the PRA/FCA, the DFSA, QFCRA, CBB and CBUAE rules and should not be distributed to Retail Clients. This presentation has been prepared for information purposes only and, for the avoidance of doubt, nothing express or implied in this presentation constitutes any commitment by the Bank, its subsidiaries or affiliates to arrange and/or provide any party with any services and/or financing. This presentation does not constitute legal, its, accounting or intensitient advice. The Bank relatant Sourpity to this presentation may be reproduced or redistributed without the provine written consent of the Bank. The Bank and its subsidiaries and affiliates acree to liability whatsoever for any third party resulting from any unauthorised distribution. The Bank, its subsidiaries, affiliates and each of their respective directors and employees accept no liability whatsoever for any relance on the information contained in the presentation and make no representation or warranty as to its accurate and should not be regarded as a substitute for the exercise of the recipient's own judgement. The views, opinions and other information contained in this presentation (including, without limitation, any statements or forecasts) are solely those of the Bank and are subsetted to change without notice.

Notwithstanding the foregoing, nothing contained herein shall be deemed to limit or exclude liability on the part of the Bank to the setter it is not permitted to exclude in accordance with the laws administered by the Oubsil Financial Services Authority (DFSA). The Bank is under no obligation to correct any inaccuracies or update the information contained in this presentation. The provision of the service described in this presentation is, or will be, subject to an agreement constituting terms of business, in the event of a conflict between information contained in this presentation and such terms of business, the latter shall present. This disclaimer is governed by English law. This report shall not be construed as solicitation to take any action such as provided in the presentation and such terms of business, the latter shall present. This report is based on information believed to be reliable, but the Bank does not guarantee or accept any liability whatsoever for, its accuracy. The Bank, its affiliates and subdisdines and each of their respective officers, directors and employees accept no liability whatsoever for any loss or damage of any kind arising out of the use of all or any part of this report. The contents of the report may be responded without at Manner switten consent. The Bank expressly provides the report may be responded without at Manner switten consent. The Bank expressly provides the respective tool of this report to Retail Customers (within the meaning of the PRA/PCA, the DFSA, GPCRA, CBB, CBUAF rules), via the internet or otherwise and the Bank, its subdisines and affiliates accept no liability whatsoever to any third parties resulting from such redistribution. This presentation has been prepared by a subdisinely of Missibiality of Plannacial Group, in ("PUMPC") which corrects on ascertiles related business.

Legal entities and branche

This presentation is for information purposes only and should not be construed as investment research or a solicitation of any offer to buy or sell any security, commodity, futures contract or related derivative (hereafter "instrument") or to participate in any trading strategy. This presentation does not constitute a personal recommendation and does not take into account the individual financial circumstances, needs or objectives of the recipients. Recipients should therefore seek their own financial, legal, tax or other advice begin continued in any of the instruments mentioned in this presentation.

Certain information contained in this presentation has been obtained or derived from third party sources and such information is believed to be correct and reliable but has not been independently verified. MUFG Securities does not make any guarantee, representation, warranty or undertaking, express or implied, as to the fairness, accuracy, reliability, completeness, adequacy or appropriateness of any information or comments contained in this presentation. Furthermore the information may not be current due to, among other things, changes in the financial markets or economic environment. MUFG Securities has no obligation to update any such information contained in this presentation.

This presentation is not intended to forecast or predict future events. Past performance is not a guarantee or indication of future results. Any prices provided herein (other than those identified as being historical) are indicative only and do not represent firm quotes as to either price or size.

This presentation is proprietary to MUFG Securities and may not be quoted, circulated or otherwise referred to without our prior written consent. Notwithstanding this, MUFG Securities shall not be liable in any manner whatsoever for any consequences or loss (including but not limited to any direct, indirect or consequential loss, loss of profits and damages) arising from any reliance on or usage of this presentation and accepts no legal responsibility to any investor who directly or indirectly receives this material. Country and region specific disclosures

This presentation is not directed to, or intended for distribution to or use by, any person or entity who is a clitzen or resident of or is located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to any law, regulation or rule.

In this regard, please note the following in relation to the jurisdictions in which MUFG Securities has a local presence:

United Kingdom / European Economic Area (EEA): This presentation is intended for distribution to a "professional client" or "eligible counterparty" as those terms are defined in the rules of the FCA and PRA. In other EEA countries, this presentation is intended only for persons regarded as professional investors; or equivalent) in their home jurisdiction. This presentation has been prepared in accordance with MUSIGENED and administrative arrangements for managing conflicts of interest. Such arrangements for their confidence of the professional confiden

United States of America: This presentation, when distributed by MUS(USA), is intended for Institutional Investors ("Institutional Accounts" as defined by FRINRA Rule 4512(c)]. When distributed by a non-US affiliate of MUS(USA), this presentation is intended for distribution solely to "major U.S. institutional investors" or U.S. institutional investors are underwritten by MUS(USA) and or in the USA is a mended. The countries referenced in this presentation may have been underwritten by MUS(USA) and/or its affiliates. Nothing in this presentation should be considered an offer or solicition of an offer to buy or sell securities or any other financial product or a commitment of any kind with respect to any transaction.

IRS Circular 23D Disclosure: MUFG Securities does not provide tax advice. Accordingly, any discussion of U.S. tax matters included have favoid provided and winter to be used, and cannot be used, in connection with the promotion, marketing or recommensation by any approve not affiliated with MUSIQUSA) or any of the matters addressed herein or for the purpose of avoid titude via the surpose of a volume to the surpose of a volume to the purpose of avoid titude via the surpose of a volume to the purpose of avoid titude via the surpose of avoid via the sur

Hong Kong: This presentation is only intended for distribution to a "professional investor" as that term is defined in the Securities and Futures Ordinance and should not be passed onto any other person.

Singapore: This presentation is only intended for distribution to an "institutional linestor", "accredited investor" or "expert investor" as those terms are defined under regulation. 2 of the Financial Adviers Regulation. It is solely for the use of such investors and a shall not be distributed, finavaried, passed on or disseminated to any other person, investors should not be that, as a responsible to the expensions that apply when this presentation is distributed or accredited investors," and "expensive most apply when this presentation is distributed or accredited investors," and "expensive most apply when this presentation is distributed or accredited investors," and "expensive most apply when this presentation is distributed or accredited investors," and "expensive most apply when the presentation is distributed or accredited investors," and "expensive most apply when the presentation is distributed or accredited investors," and "expensive most apply when the presentation is distributed or accredited investors," and "expensive most apply when this presentation is distributed by the expensive the presentation of accredited investors," and "expensive most apply when the presentation is distributed or accredited investors," and "expensive most apply when this presentation is distributed or accredited investors," and "expensive most apply when this presentation is distributed or accredited investors," and "expensive most apply when this presentation is distributed or accredited investors," and "expensive most apply when this presentation is distributed or accredited investors," and "expensive most apply when this presentation is distributed or accredited investors," and "expensive most apply when this presentation is distributed or accredited investors," and "expensive most apply apply apply and accredited investors," and "expensive most apply a

Japan: This Note, when distributed by MUFG Securities affiliates located outside of Japan, is intended for distribution in accordance with Article 58-2 of the Financial Instruments Exchange Act 1948 ("FIEA") i) to a "Financial Instruments Business Operator" engaged in "Securities-Related Business" as defined in the FIEA or i) to the government, the Bank of Japan, a qualified financial institution defined in Article 209 of the Cabinet Office Ordinance Concerning Financial Instruments Business, Etc., or an Investment Manager. When destributed by Mitsubsidia UFI Morgan Stanley Securities Co. Att., this Note is intended for distribution to a "Professional Investor (bottlet-businities)" as defined in the FIEA.

United Arab Emirates: This presentation is only intended for distribution to a "Professional Client" or "Market Counterparty" as those terms are defined under the rules of the Dubai Financial Services Authority and only a person meeting the criteria for these terms should act upon this presentation.

Australia: This presentation is only intended for distribution to persons in Australia who are sophisticated or professional investors for the purposes of section 708 of the Corporations Act of Australia ("Corporations Act"), and are wholesale clients for the purposes of section 761G of the Corporations Act. This Note is not intended to be distributed or passed on, directly or indirectly, to any other class of persons in Australia.

Other jurisdictions: MUFG Securities also relies on local registrations or regulatory exemptions in order to undertake certain securities business in other countries. In Thalland, MUS(EMEA) has a derivatives dealer registration with the Securities and Exchange Commission, Thailand. In Canada, MUS(EMEA) and MUS(USA) each operate under an international dealer exemption registered with the securities regulators. MUS(EMEA) operates under the exemption in Alberta, Quebec, Ontario, British Columbia and Manitoba. MUS(USA) operates under the exemption in all canadan Provinces and Territories.

Manitoba. MUS(EMEA) operates under the exemption in all canadan Provinces and Territories.



MUFG EMEA Head Office Ropemaker Place 25 Ropemaker Street London, EC2Y 9LY United Kingdom

DIFC Branch – Dubai Level 3, East Wing The Gate Building Dubai International Financial Centre (DIFC) Dubai, UAE P.O. Box 506613

www.mufg.jp/english
www.mufgemea.com
www.mufgresearch.com



