RBNZ Monetary Policy Statement Review

14 August 2024



This is not personal advice nor financial advice about any product or service. It does not take into account your financial situation or goals. Please refer to the Important Notice.



The first cut is the deepest

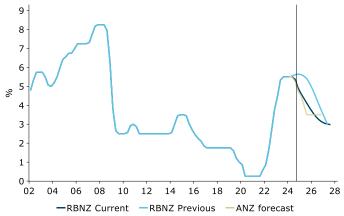
Summary

- The RBNZ cut the Official Cash Rate (OCR) 25bp to 5.25% today in what the Record of Meeting notes was a consensus decision. Its updated forecast OCR track is consistent with 25bp cuts at each of the next three meetings and a slower pace thereafter down to 3.0%.
- There was considerable uncertainty today about how the RBNZ would weigh up high-frequency economic data that rolled over in synchronised fashion in June against the fact that the top-tier data has provided little to justify bringing cuts forward so dramatically from their previous forecast of no cuts until August 2025. We thought the latter would be a meaningful constraint, but the Committee appears to have taken more of a clean-slate approach, based on passing a threshold of confidence in the forward path for inflation. Accordingly, it's a shift to a more forward-looking stance.
- The RBNZ's growth forecasts have been revised down significantly, incorporating negative growth in both Q2 and Q3. CPI inflation is expected to be in the 1-3% band next quarter (we concur), but the near-term outlook is lower due to lower tradable inflation.
- Now the RBNZ has kicked off its loosening cycle, the default decision is a
 further 25bp cut at each meeting. Our new forecast track accordingly
 pencils in such a track, to a low of 3.5% as before. In practice, the
 speed and extent of easing will be highly data dependent.

In brief

Traders and economists were divided about what the RBNZ would (and to some extent, should) do and say today. In the end, the Committee opted to cut the Official Cash Rate (OCR) 25bp to 5.25%. Beyond the OCR decision, the main interest for the market was the forecast OCR track. This was lowered dramatically from the track forecast in the May MPS (figure 1) and now implies cuts at each of the next three meetings, with a slower pace of easing thereafter. The NZD fell in response.

Figure 1. OCR forecast



Source: RBNZ, Macrobond, ANZ Research

Key quotes:

- **OCR decision:** "The Committee reached a consensus to reduce the Official Cash Rate by 25 basis points to 5.25 percent."
- **OCR outlook:** "Members noted that monetary policy will need to remain restrictive for some time to ensure that domestic inflationary pressures continue to dissipate. The pace of further easing will thus be conditional on the Committee's confidence that pricing behaviour is continuing to adapt to a low-inflation environment and that inflation expectations remain anchored around the 2 percent target."
- Policy transmission: "The Committee discussed possible reasons for the current economic weakness. Alongside restrictive monetary policy, an earlier or larger impact of tighter fiscal policy could be constraining domestic demand."
- **Labour market:** "The June quarter data suggest that employment growth has slowed, with declines in private sector jobs, hours worked, and wage growth. The impact of government spending restraint and public sector job losses are expected to materialise in further weakening in employment growth over coming quarters."
- Domestic activity: "With a broad range of indicators suggesting the
 economy is contracting faster than anticipated, the downside risks to
 output and employment that were highlighted in July have become more
 apparent."
- **Inflation outlook:** "The Committee noted that recent indicators give confidence that inflation will return sustainably to target within a reasonable time frame."
- **Fiscal policy:** "The Committee noted that government expenditure is declining as a share of the economy, with contractionary impacts already felt and expected to continue. However, whether tax cuts will boost consumption is more uncertain."

The RBNZ remains firmly in data-watch mode, as do we. CPI inflation will almost certainly be back in the band in the next print – the RBNZ is picking a very low 2.3% y/y (ANZ 2.6%). They won't have CPI data by the October meeting, but will have two months' worth of Selected Price Indexes. There is still a risk that non-tradable inflation could prove sticky, ultimately slowing the pace of easing.

There's also significant uncertainty about how the economy will respond to lower interest rates. Typically, the OCR is lowered in response to some kind of negative national income and confidence shock, but that's not the case in this deliberate recession. How much activity has been deferred rather than cancelled? Even though it's hard to envisage here and now, given the clear weakness in the economy, there is a risk that activity (and the housing market in particular) could surprise everyone with the speed with which it bounces back. The RBNZ has built in a decline in GDP in both Q2 and Q3, meaning the bar for upside surprises is relatively low.

In the bigger picture, the evolution of a deliberate policy-induced recession and recovery is uncharted territory for all of us, and uncertainty is significant.

RBNZ forecasts in brief

As universally expected, the RBNZ revised down their GDP growth forecasts. They took a bit more signal from the recent soft data than we assumed they would, pencilling in a technical recession over the second half of the year. At the same time, their estimate of the speed limit of the economy (potential output) was revised a touch lower. Together, these changes mean that their output gap forecast (ie how much disinflationary spare capacity there currently is – and will be – in the economy) was meaningfully lowered in the near term, providing the justification for earlier cuts. From the weaker starting point, the RBNZ are expecting relatively sharp recovery over 2025 and 2026 as easier monetary conditions provide support.

The inflation forecasts have been revised lower in the near term, with annual inflation now expected to be in the 1-3% target band in Q3 this year rather than Q4 (this is our forecast also – it's pretty much a done deal). In fact, the RBNZ is now expecting inflation to be quite a lot closer to the target midpoint in Q3, forecasting annual inflation of 2.3%, versus 3.0% in the May MPS. However, the difference comes via the relatively volatile tradables component, with their forecast for non-tradables inflation largely unchanged from May. Labour market forecasts are weaker too, with the unemployment rate expected to peak at 5.4% in early 2025, rising a little more quickly than our own forecast but to a similar peak.

See page 8 for forecast comparisons against the May MPS and our own forecasts.

Risks

As always, the RBNZ were at pains to outline risks to the outlook on both sides. It was a familiar list, but the skew around CPI risks is coming through as more balanced.

On the upside, the Committee are weighing up the possibility that potential output slows more than expected, that price-setting behaviour could adjust to lower inflation at a slower pace than expected, and that geopolitical tensions could result in renewed tradables inflation pressures. On the other side, they note downside risks around global growth and China's economy, and also the possibility that wage and price-setting behaviour adjusts more rapidly to low inflation. In other words, there are risks on both sides, and the RBNZ will remain data dependent.

Our take

The RBNZ faced a tricky decision today – turning points are always difficult. But the Committee decided they had sufficient confidence in the inflation outlook to start easing monetary conditions. It's not a riskless decision – there wasn't a riskless option today! But the first cut is the deepest, after all, and if data starts to look a little sprightlier than anticipated, they have potentially boxed themselves in somewhat. In our view, a dovish hold would have provided more optionality, but that's not to say at all that today's decision will ultimately prove to have been a mistake.

Today's decision and forecasts certainly do show that the Committee members are not afraid to change their minds when the facts change. And so, it's going to be all about the data from here. The six weeks before the October Review will reveal how much of the rollover in the June high-frequency data (PMI, PSI, job ads, house sales...) 'sticks'. The market (and the RBNZ's forecasts) are taking a very hefty signal from it, but we have already seen a sharp bounce in the Truckometer and the Barfoot and Thompson auction clearance rate in the last couple of weeks. The data won't necessarily be one-way traffic from here until the end of the year.

Now the RBNZ has started cutting, a 25bp cut at each meeting is the default, so we've pencilled that in as our own forecast for now, down to a low of 3.5% as before. But we do see a real risk that either stickier inflation data or bouncier activity data could cause the RBNZ to slow or stall rate cuts down the track. Of course, on the other side, a negative global shock could see rates fall faster. Forecasting is a highly uncertain business, and the further ahead you're talking, the thicker the fog.

Financial markets

The market got the cut it was hoping for today, necessitating a slight downward adjustment in very short-end rates, with the 1yr swap rate falling around 10bp immediately. But the reaction further out on the curve has been understandably more muted, with the 2yr swap down only 2bp. We think that reflects the idea that having gotten underway early, the RBNZ may not need to cut by as much (or as quickly) as they might have needed to had they waited.

Our new forecast (which is more of a working assumption for now, until we see how the economy responds to the easing cycle now underway) is simply that the RBNZ will likely cut by 25bp at each meeting for the foreseeable future. A track like that would keep short-end rates on a steady downward trajectory from here.

That contrasts with what we have been seeing over the last few months, when short-end rates have been falling in anticipation of today arriving. In the FX space, the Kiwi is lower too, having dropped around 50bp on the announcement. That too reflects the surprise value of today's action, but given that markets have been calling for cuts for some time, they'll likely return to watching the data and global events after today. Indeed, with US CPI due out overnight, local data may fade back into the background for a period.

OCR 5.25% – Monetary restraint tempered as inflation converges on target

OCR reduced by 25 basis points to 5.25%.

New Zealand's annual consumer price inflation is returning to within the Monetary Policy Committee's 1 to 3 percent target band. Surveyed inflation expectations, firms' pricing behaviour, headline inflation, and a variety of core inflation measures are moving consistent with low and stable inflation.

Economic growth remains below trend and inflation is declining across advanced economies. Some central banks have begun reducing policy interest rates. Imported inflation into New Zealand has declined to be more consistent with pre-pandemic levels.

Services inflation remains elevated but is also expected to continue to decline, both at home and abroad, in line with increased spare economic capacity. Consumer price inflation in New Zealand is expected to remain near the target mid-point over the foreseeable future.

The Committee agreed to ease the level of monetary policy restraint by reducing the OCR to 5.25 percent. The pace of further easing will depend on the Committee's confidence that pricing behaviour remain consistent with a low inflation environment, and that inflation expectations are anchored around the 2 percent target.

Summary Record of Meeting - August 2024

The Monetary Policy Committee discussed recent economic and financial developments and their implications for monetary policy in New Zealand.

The Committee noted that the weakening in domestic economic activity observed in the July Monetary Policy Review has become more pronounced and broad-based. Headline inflation has declined, and business inflation expectations have returned to around 2 percent at medium- and longer-term horizons. Committee members agreed that monetary policy restraint can now begin to ease. The pace of loosening will depend on the extent to which price-setting behaviour continues to adapt to lower inflation and inflation expectations remain well anchored to the target mid-point.

Global growth remains below trend across advanced economies. Growth in China has been softer than expected, due to a depressed property market and weak consumer demand. While US growth has been firm, some indicators show emerging weakness. Recent volatility in global asset markets reflects nervousness about US economic prospects, geopolitical risks, and the outlook for international trade policy.

The Committee noted that global inflation has continued to decline but remains elevated in some parts of the services sector in many countries. The Committee noted that some central banks have recently begun cutting policy interest rates, reflecting lower core inflation, weaker activity, and softer labour markets. In this respect, New Zealand's economic activity and near-term inflation indicators now resemble those in countries in which central banks have started cutting policy rates.

While official economic statistics have evolved in line with expectations in the May Monetary Policy Statement, a broad range of high-frequency indicators point to a material weakening in domestic economic activity in recent months. These include various survey measures of business activity, electronic card transactions, vehicle traffic, house sales, filled jobs, and job vacancies. These indicators collectively provide a consistent signal that the economy contracted in recent months. The output gap is now assessed to be more negative than was assumed in the May Monetary Policy Statement, indicating increased spare capacity.

The Committee discussed possible reasons for the current economic weakness. Alongside restrictive monetary policy, an earlier or larger impact of tighter fiscal policy could be constraining domestic demand. Falling net migration may also be playing a role. The Committee noted that measurement challenges, including methodological changes by Statistics New Zealand in the national accounts, are creating additional uncertainty around the composition and likely persistence of this weakness.

The Committee discussed recent developments in the labour market. The June quarter data suggest that employment growth has slowed, with declines in private sector jobs, hours worked, and wage growth. The impact of government spending restraint and public sector job losses are expected to materialise in further weakening in employment growth over coming quarters.

In discussing fiscal policy, the Committee noted that government expenditure is declining as a share of the economy, with contractionary impacts already felt and expected to continue. However, whether tax cuts will boost consumption is more uncertain. While tax cuts could stimulate demand, it is also possible that households might be more cautious about spending in the current economic environment.

The Committee discussed global and domestic financial conditions. Weaker economic data globally have prompted markets to price in lower policy rates for the rest of the year, pushing down sovereign yields in most advanced economies. While domestic financial conditions remain restrictive, they have loosened over recent months. Market expectations for the forward path of the Official Cash Rate (OCR) have contributed to lower wholesale and borrowing rates, along with some depreciation in the nominal exchange rate. The Committee also noted that more households are choosing shorter pricing tenors, meaning that further reductions in mortgage interest rates will flow through to lower household interest costs relatively quickly.

The Committee noted that while credit remains available, demand for credit is weak. This provides a further signal of soft economic activity. High interest rates, sluggish housing market activity and low investment intentions have curbed demand for credit. The agriculture sector has also paid down debt, curbing credit demand.

The Committee considered risks to the financial system. With elevated debt servicing costs and weak economic conditions, some households and businesses are experiencing financial stress. The Committee noted that banks had tightened lending standards in recent years, increased loan loss provisions and were well capitalised, making the financial system more resilient. Non-performing loans have increased from a year ago but remain relatively low by historical standards, and banks are well positioned to support borrowers. In this environment, the Committee agreed that there is no material trade-off between meeting its inflation objectives and maintaining financial system stability.

The Committee discussed inflation developments. Inflation fell considerably in the June quarter, due mostly to lower tradables inflation, while domestic inflation declined in line with expectations. Members were encouraged that surveyed business inflation expectations have returned to around 2 percent at medium- and longer-term horizons. All measures of core inflation have fallen and the components of CPI that are sensitive to monetary policy have declined further. Together with the weaker high-frequency indicators of economic activity, these developments provide the Committee with more confidence that headline inflation is returning to the target band in the September 2024 quarter.

The Committee discussed upside risks to the inflation outlook. The persistence of domestic inflation and the pace at which price-setting behaviour will adjust to a low-inflation environment remain uncertain. Members noted the possibility that firms might adjust prices asymmetrically – changing prices quickly when inflation was high and rising, but more slowly when inflation is falling. The

Committee noted uncertainty around the outlook for potential output, given weak productivity growth. If potential output grows more slowly than currently assumed, there will be less spare capacity and less downward pressure on domestic inflation.

Furthermore, ongoing geopolitical and trade tensions and the global reshoring of manufacturing activities could lead to higher import prices for New Zealand. Members also discussed the significant rise in global shipping costs, caused by ongoing disruptions to Red Sea and Panama Canal freight routes. Given New Zealand's relatively limited trade through these routes, the effect on shipping costs for New Zealand imports are assumed to be more moderate, and feed through to import prices with a lag.

The Committee discussed downside risks to the outlook. Members agreed that a weaker global economy, particularly in China, could dampen demand for New Zealand exports and reduce exporters' earnings. More subdued global demand could also lead to lower import prices.

Members also noted that domestic inflation could fall more quickly than projected if wage- and price-setting behaviour adjusts more rapidly to a low inflation environment. For example, headline inflation will fall sustainably back to the target mid-point more quickly if price and wage setters adjust more to expected future inflation rather than to past inflation.

The Committee discussed the reasons why inflation has been outside of the target range and the expected timeframe for inflation to return to the 2 percent target mid-point. Members noted the lingering effects on inflation from demand effects of monetary and fiscal stimulus, pandemic-related disruptions to supply, increased commodity prices and shipping costs from geopolitical tension, severe weather impacts on local food prices, and low productivity.

Conditional on the information available, the Committee felt that the OCR track in the projection reflected its view on the policy strategy that would best deliver on its remit. The Committee noted that monetary policy settings are consistent with annual headline CPI inflation remaining within the target band near the 2 percent mid-point over the forecast horizon.

The Committee observed that the balance of risks has progressively shifted since the May Monetary Policy Statement. With a broad range of indicators suggesting the economy is contracting faster than anticipated, the downside risks to output and employment that were highlighted in July have become more apparent. Members were also concerned about avoiding unnecessary near-term instability in output and employment given the evolution of recent indicators.

In discussing the appropriate stance of monetary policy, the Committee noted that recent indicators give confidence that inflation will return sustainably to target within a reasonable time frame. With headline CPI inflation expected to return to the target band in the September quarter and growing excess capacity expected to support a continued decline in domestic inflation, the Committee agreed there was scope to temper the extent of monetary policy restraint.

However, members noted that monetary policy will need to remain restrictive for some time to ensure that domestic inflationary pressures continue to dissipate. The pace of further easing will thus be conditional on the Committee's confidence that pricing behaviour is continuing to adapt to a low-inflation environment and that inflation expectations remain anchored around the 2 percent target. On Wednesday August 14, the Committee reached a consensus to reduce the Official Cash Rate by 25 basis points to 5.25 percent.

Attendees

MPC members: Adrian Orr (Chair), Bob Buckle, Carl Hansen, Christian

Hawkesby, Karen Silk, Paul Conway, Prasanna Gai

Treasury Observer: Dominick Stephens

MPC Secretary: Calista Cheung

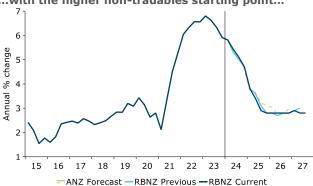
Key forecasts: Activity downgraded a lot, inflation downgraded a touch

The RBNZ has lowered their OCR track significantly



Source: RBNZ, Macrobond, ANZ Research

...with the higher non-tradables starting point...



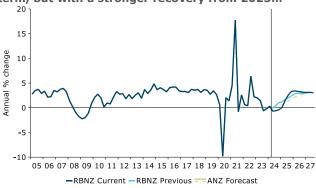
Source: Stats NZ, RBNZ, Macrobond, ANZ Research

The unemployment rate peaks at 5.4%, a little higher than before



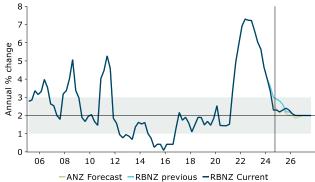
Source: RBNZ, Stats NZ, Macrobond, ANZ Research

GDP forecasts have been revised down in the near term, but with a stronger recovery from 2025...



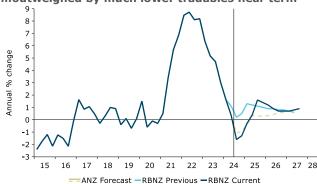
Source: Stats NZ, Macrobond, ANZ Research

CPI inflation is a little lower in the near term...



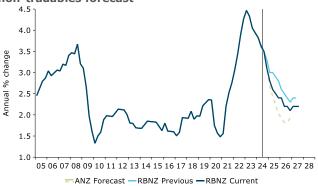
Source: RBNZ, Stats NZ, Macrobond, ANZ Research

...outweighed by much lower tradables near term



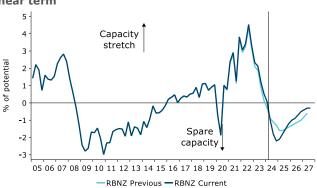
Source: RBNZ, Stats NZ, Macrobond, ANZ Research

LCI wage growth is looking more consistent with their non-tradables forecast



Source: RBNZ, Stats NZ, Macrobond, ANZ Research

...which is reflected in a weaker output gap in the near term



Source: RBNZ, Macrobond, ANZ Research



Contact us

Meet the team

We welcome your questions and feedback. Click here for more information about our team.



Sharon Zollner Chief Economist Follow Sharon on Twitter @sharon zollner

Telephone: +64 9 357 4094 Email: sharon.zollner@anz.com General enquiries: research@anz.com

Follow ANZ Research @ANZ Research (global)



David Croy Senior Strategist

Market developments, interest rates, FX, unconventional monetary policy, liaison with market participants.

Telephone: +64 4 576 1022 Email: david.croy@anz.com



Susan Kilsby Agricultural Economist

Primary industry developments and outlook, structural change and regulation, liaison with industry.

Telephone: +64 21 633 469 Email: susan.kilsby@anz.com



Miles Workman Senior Economist

Macroeconomic forecast coordinator, fiscal policy, economic risk assessment and credit developments.

Telephone: +64 21 661 792 Email: miles.workman@anz.com



Henry Russell Economist

Macroeconomic forecasting, economic developments, labour market dynamics and inflation.

Telephone: +64 21 629 553 Email: henry.russell@anz.com



Natalie Denne PA / Desktop Publisher

Business management, general enquiries, mailing lists, publications, chief economist's diary.

Telephone: +64 21 253 6808 Email: natalie.denne@anz.com



Kyle UerataEconomic Statistician

Economic statistics, ANZ proprietary data (including ANZ Business Outlook), data capability and infrastructure.

Telephone: +64 21 633 894 Email: kyle.uerata@anz.com

Important notice

Last updated: 20 February 2024

The opinions and research contained in this document (in the form of text, image, video or audio) are (a) not personal financial advice nor financial advice about any product or service; (b) provided for information only; and (c) general in nature and do not take into account your financial situation or goals.

This document may be restricted by law in certain jurisdictions. Recipients must observe all relevant restrictions.

Disclaimer for all jurisdictions: This document is prepared by ANZ Bank New Zealand Limited (ANZ Centre, 23-29 Albert Street, Auckland 1010, New Zealand). This document is distributed in your country/region by Australia and New Zealand Banking Group Limited (ABN11 005 357 522) (ANZ), a company incorporated in Australia or (if otherwise stated), by its subsidiary or branch (herein collectively referred to as **ANZ Group**). The views expressed in it are those of ANZ Economics and Markets Research, an independent research team of ANZ Bank New Zealand Limited.

This document is distributed on the basis that it is only for the information of the specified recipient or permitted user of the relevant website (**recipients**).

This document is solely for informational purposes and nothing in it is intended to be an invitation, solicitation or offer by ANZ Group to sell, or buy, receive or provide any product or service, or to participate in a particular trading strategy.

Distribution of this document to you is only as may be permissible by the laws of your jurisdiction, and is not directed to or intended for distribution or use by recipients resident or located in jurisdictions where its use or distribution would be contrary to those laws or regulations, or in jurisdictions where ANZ Group would be subject to additional licensing or registration requirements. Further, any products and services mentioned in this document may not be available in all countries.

ANZ Group in no way provides any personal financial, legal, taxation or investment advice to you in connection with any product or service discussed in this document. Before making any investment decision, recipients should seek independent financial, legal, tax and other relevant advice having regard to their particular circumstances.

Whilst care has been taken in the preparation of this document and the information contained within is believed to be accurate and made on reasonable grounds on the date it was published, ANZ Group does not represent or warrant the accuracy or completeness of the information. Further, ANZ Group does not accept any responsibility to inform you of any matter that subsequently comes to its notice, which may affect the accuracy of the information in this document.

This document may contain forward looking statements or opinions including statements regarding our intent, belief or current expectations regarding economic and market conditions, financial instruments and credit markets. Such statements are usually predictive in character, may not be accurate once the future becomes known and should not be relied upon when making investment decisions. Past performance is not a reliable indicator of future performance. ANZ does not accept any responsibility to inform you of any revisions to these forward-looking statements to reflect events or circumstances occurring after the date of this document.

Preparation of this document and the opinions expressed in it may involve material elements of subjective judgement and analysis. Unless specifically stated otherwise: they are current on the date of this document and are subject to change without notice; and, all price information is indicative only. Any opinions expressed in this document are subject to change at any time without notice.

ANZ Group does not guarantee the performance of any product mentioned in this document. All investments entail a risk and may result in both profits and losses. Any products and services described in this document may not be suitable for all investors, and transacting in these products or services may be considered risky.

ANZ Group expressly disclaims any responsibility and shall not be liable for any loss, damage, claim, liability, proceedings, cost or expense (**Liability**) arising directly or indirectly and whether in tort (including negligence), contract, equity or otherwise out of or in connection with this document to the extent permissible under relevant law. The contents of this document have not been reviewed by any regulatory body or authority in any jurisdiction.

ANZ Group may have an interest in the subject matter of this document. They may receive fees from customers for dealing in any products or services described in this document, and their staff and introducers of business may share in such fees or remuneration that may be influenced by total sales, at all times received and/or apportioned in accordance with local regulatory requirements. Further, they or their customers may have or have had interests or long or short positions in any products or services described in this document, and may at any time make purchases and/or sales in them as principal or agent, as well as act (or have acted) as a market maker in such products. This document is published in accordance with ANZ Group's policies on conflicts of interest and ANZ Group maintains appropriate information barriers to control the flow of information between businesses within the group.

Your ANZ Group point of contact can assist with any questions about this document including for further information on these disclosures of interest.

Australia. ANZ holds an Australian Financial Services licence no. 234527. For a copy of ANZ's Financial Services Guide please click here or request from your ANZ point of contact.

Brazil. This document is distributed on a cross border basis and only following request by the recipient. No securities are being offered or sold in Brazil under this document, and no securities have been and will not be registered with the Securities Commission - CVM.

Brunei, Japan, Kuwait, Malaysia, Switzerland, Taiwan. This document is distributed in each of these jurisdictions by ANZ on a cross-border basis.

Cambodia. The information contained in this document is confidential and is provided solely for your use upon your request. This does not constitute or form part of an offer or solicitation of any offer to engage services, nor should it or any part of it form the basis of, or be relied in any connection with, any contract or commitment whatsoever. ANZ does not have a licence to undertake banking operations or securities business or similar business, in Cambodia. By requesting financial services from ANZ, you agree, represent and warrant that you are engaging our services wholly outside of Cambodia and subject to the laws of the contract governing the terms of our engagement.

Canada. This document is general information only, is intended for institutional use only – not retail, and is not meant to be tailored to the needs and circumstances of any recipient. In addition, this document is not intended to be an offer or solicitation to purchase or sell any security or other financial instrument or to employ a specific investment strategy.

Chile. You understand and agree that ANZ is not regulated by Chilean Authorities and that the provision of this document is not subject to any Chilean supervision and is not guaranteed by any regulatory or governmental agency in Chile.

Fiji. For Fiji regulatory purposes, this document and any views and recommendations are not to be deemed as investment advice. Fiji investors must seek licensed professional advice should they wish to make any investment in relation to this document.

Important notice

Hong Kong. This document is issued or distributed in Hong Kong by the Hong Kong branch of ANZ, which is registered at the Hong Kong Monetary Authority to conduct Type 1 (dealing in securities), Type 4 (advising on securities) and Type 6 (advising on corporate finance) regulated activities. The contents of this document have not been reviewed by any regulatory authority in Hong Kong. If you are in any doubt about any of the contents of this document, you should obtain independent professional advice.

India. If this document is received in India, only you (the specified recipient) may print it provided that before doing so, you specify on it your name and place of printing.

Israel. ANZ is not a holder of a licence granted in Israel pursuant to the Regulation of Investment Advising, Investment Marketing and Portfolio Management Law, 1995 ("Investment Advice Law") and does not hold the insurance coverage required of a licensee pursuant to the Investment Advice Law. This publication has been prepared exclusively for Qualified Clients as such term is defined in the First Schedule to the Investment Advice Law. As a prerequisite to the receipt of a copy of this publication a recipient will be required to provide confirmation and evidence that it is a Qualified Client. Nothing in this publication should be considered Investment Advice or Investment Marketing as defined in the Investment Advice Law. Recipients are encouraged to seek competent investment advice from a locally licensed investment adviser prior to making any investment.

Macau. Click here to read the disclaimer for all jurisdictions in Mandarin. 澳门. 点击此处阅读所有司法管辖区的免责声明的中文版。

Myanmar. This document is intended to be general and part of ANZ's customer service and marketing activities when implementing its functions as a licensed bank. This document is not Securities Investment Advice (as that term is defined in the Myanmar Securities Transaction Law 2013).

New Zealand. This document is distributed in New Zealand by ANZ Bank New Zealand Limited. The material is for information purposes only and is not financial advice about any product or service. We recommend you seek advice about your financial situation and goals before acquiring or disposing of (or not acquiring or disposing of) a financial product.

Oman. ANZ neither has a registered business presence nor a representative office in Oman and does not undertake banking business or provide financial services in Oman. Consequently ANZ is not regulated by either the Central Bank of Oman (**CBO**) or Oman's Capital Market Authority (**CMA**). The information contained in this document is for discussion purposes only and neither constitutes an offer of securities in Oman as contemplated by the Commercial Companies Law of Oman (Royal Decree 4/74) or the Capital Market Law of Oman (Royal Decree 80/98), nor does it constitute an offer to sell, or the solicitation of any offer to buy non-Omani securities in Oman as contemplated by Article 139 of the Executive Regulations to the Capital Market Law (issued vide CMA Decision 1/2009). ANZ does not solicit business in Oman and the only circumstances in which ANZ sends information or material describing financial products or financial services to recipients in Oman, is where such information or material has been requested from ANZ and the recipient understands, acknowledges and agrees that this document has not been approved by the CBO, the CMA or any other regulatory body or authority in Oman. ANZ does not market, offer, sell or distribute any financial or investment products or services in Oman and no subscription to any securities, products or financial services may or will be consummated within Oman. Nothing contained in this document is intended to constitute Omani investment, legal, tax, accounting or other professional advice.

People's Republic of China (PRC). This document may be distributed by either ANZ or Australia and New Zealand Bank (China) Company Limited (**ANZ China**). Recipients must comply with all applicable laws and regulations of PRC, including any prohibitions on speculative transactions and CNY/CNH arbitrage trading. If this document is distributed by ANZ or an Affiliate (other than ANZ China), the following statement and the text below is applicable: No action has been taken by ANZ or any affiliate which would permit a public offering of any products or services of such an entity or distribution or re-distribution of this document in the PRC. So, the products and services of such entities are not being offered or sold within the PRC by means of this document or any other document. This document may not be distributed, re-distributed or published in the PRC, except under circumstances that will result in compliance with any applicable laws and regulations. If and when the material accompanying this document relates to the products and/or services of ANZ China, the following statement and the text below is applicable: This document is distributed by ANZ China in the Mainland of the PRC.

Peru. The information contained in this document has not been, and will not be, registered with or approved by the Peruvian Superintendency of the Securities Market (Superintendencia del Mercado de Valores, **SMV**) or the Lima Stock Exchange (Bolsa de Valores de Lima, **BVL**) or under the Peruvian Securities Market Law (Legislative Decree 6 861), and will not be subject to Peruvian laws applicable to public offerings in Peru. To the extent this information refers to any securities or interests, it should be noted the securities or interests may not be offered or sold in Peru, except if (i) such securities or interests were previously registered with the Peruvian Superintendency of the Securities Market, or (ii) such offering is considered a private offering in Peru under the securities laws and regulation of Peru.

Qatar. This document has not been, and will not be:

- lodged or registered with, or reviewed or approved by, the Qatar Central Bank (QCB), the Qatar Financial Centre (QFC) Authority, QFC Regulatory Authority or any other authority in the State of Qatar (Qatar); or
- authorised or licensed for distribution in Qatar, and the information contained in this document does not, and is not intended to, constitute a public offer or other invitation in respect of securities in Qatar or the QFC.

The financial products or services described in this document have not been, and will not be:

- · registered with the QCB, QFC Authority, QFC Regulatory Authority or any other governmental authority in Qatar; or
- authorised or licensed for offering, marketing, issue or sale, directly or indirectly, in Qatar.

Accordingly, the financial products or services described in this document are not being, and will not be, offered, issued or sold in Qatar, and this document is not being, and will not be, distributed in Qatar. The offering, marketing, issue and sale of the financial products or services described in this document and distribution of this document is being made in, and is subject to the laws, regulations and rules of, jurisdictions outside of Qatar and the QFC. Recipients of this document must abide by this restriction and not distribute this document in breach of this restriction. This document is being sent/issued to a limited number of institutional and/or sophisticated investors (i) upon their request and confirmation that they understand the statements above; and (ii) on the condition that it will not be provided to any person other than the original recipient, and is not for general circulation and may not be reproduced or used for any other purpose.

Singapore. To the extent that this document contains any statements of opinion and/or recommendations related to an investment product or class of investment product (as defined in the Financial Advisers Act 2001), this document is distributed in Singapore by ANZ solely for the information of "accredited investors", "expert investors" or (as the case may be) "institutional investors" (each term as defined in the Securities and Futures Act 2001 of Singapore). ANZ is licensed in Singapore under the Banking Act 1970 of Singapore and is exempted from holding a financial adviser's licence under Section 23(1)(a) of the Financial Advisers Act 2001 of Singapore. In respect of any matters arising from, or in connection with, the distribution of this document in Singapore, please speak to your usual ANZ contact in Singapore.

Important notice

United Arab Emirates (UAE). This document is distributed in the UAE or the Dubai International Financial Centre (**DIFC**) (as applicable) by ANZ. This document does not, and is not intended to constitute: (a) an offer of securities anywhere in the UAE; (b) the carrying on or engagement in banking, financial and/or investment consultation business in the UAE under the rules and regulations made by the Central Bank of the UAE, the Emirates Securities and Commodities Authority or the UAE Ministry of Economy; (c) an offer of securities within the meaning of the Dubai International Financial Centre Markets Law (**DIFCML**) No. 12 of 2004; and (d) a financial promotion, as defined under the DIFCML No. 1 of 200. ANZ DIFC Branch is regulated by the Dubai Financial Services Authority (**DFSA**). The financial products or services described in this document are only available to persons who qualify as "Professional Clients" or "Market Counterparty" in accordance with the provisions of the DFSA rules.

United Kingdom. This document is distributed in the United Kingdom by Australia and New Zealand Banking Group Limited (**ANZ**) solely for the information of persons who would come within the Financial Conduct Authority (**FCA**) definition of "eligible counterparty" or "professional client". It is not intended for and must not be distributed to any person who would come within the FCA definition of "retail client". Nothing here excludes or restricts any duty or liability to a customer which ANZ may have under the UK Financial Services and Markets Act 2000 or under the regulatory system as defined in the Rules of the Prudential Regulation Authority (**PRA**) and the FCA. ANZ considers this document to constitute an Acceptable Minor Non-Monetary Benefits (**AMNMB**) under the relevant inducement rules of the FCA. ANZ is authorised in the United Kingdom by the PRA and is subject to regulation by the FCA and limited regulation by the PRA. Details about the extent of our regulation by the PRA are available from us on request.

United States. Except where this is a FX-related document, this document is distributed in the United States by ANZ Securities, Inc. (**ANZ SI**) which is a member of the Financial Regulatory Authority (**FINRA**) (www.finra.org) and registered with the SEC. ANZSI's address is 277 Park Avenue, 31st Floor, New York, NY 10172, USA (Tel: +1 212 801 9160 Fax: +1 212 801 9163). ANZSI accepts responsibility for its content. Information on any securities referred to in this document may be obtained from ANZSI upon request. This document or material is intended for institutional use only – not retail. If you are an institutional customer wishing to effect transactions in any securities referred to in this document you must contact ANZSI, not its affiliates. ANZSI is authorised as a broker-dealer only for institutional customers, not for US Persons (as "US person" is defined in Regulation S under the US Securities Act of 1933, as amended) who are individuals. If you have registered to use our website or have otherwise received this document and are a US Person who is an individual: to avoid loss, you should cease to use our website by unsubscribing or should notify the sender and you should not act on the contents of this document in any way. Non-U.S. analysts may not be associated persons of ANZSI and therefore may not be subject to FINRA Rule 2242 restrictions on communications with the subject company, public appearances and trading securities held by the analysts. Where this is a FX-related document, it is distributed in the United States by ANZ's New York Branch, which is also located at 277 Park Avenue, 31st Floor, New York, NY 10172, USA (Tel: +1 212 801 916 0 Fax: +1 212 801 9163).

Vietnam. This document is distributed in Vietnam by ANZ or ANZ Bank (Vietnam) Limited, a subsidiary of ANZ.