

RBNZ Monetary Policy Review

5 October 2022



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.



Contact

Miles Workman or David Croy for more details.

Confused by acronyms or jargon? See a glossary [here](#).

Sticking to the plan, keeping options open

- The RBNZ raised the OCR by 50bps to 3.50% today, as expected, maintaining that “it remains appropriate to continue to tighten monetary conditions at pace”.
- We continue to expect another 50bp hike at the November Monetary Policy Statement, with 25bp moves in each of the first three meetings of 2023, taking the OCR to a peak of 4.75%.
- We see risks on both sides of that. On the downside, current global market volatility could quickly turn into something uglier; on the upside, core inflation may not fall as fast or as far as projected.
- Interestingly, the Summary Record of Meeting showed the Committee discussed the merits of 50bps vs 75bps. That possibly reflects where the Committee see the skew of risks, and is a very different vibe to the RBA’s 25bp hike yesterday.

In brief

As was widely anticipated, the RBNZ today raised the Official Cash Rate (OCR) by 50bps to 3.50%, and confirmed there’s more where that came from.

The RBNZ, like central banks everywhere, faces a challenge balancing ongoing wage-price spiral risks against hard-landing risks". Unfortunately, both of these still appear to be going the wrong way. But for now it’s the inflation side that demands action, whereas hard landing risks are a case of ‘we’ll cross that bridge when we come to it.’

In fact, the RBNZ put a little less emphasis on escalating global risks in their statement today than we expected. Of course, this in no way implies that it is ignoring key developments, and the market will, appropriately, make up its own mind about what the evolving situation means for the monetary policy outlook as the situation unfolds. But here and now, the RBNZ’s focus remains squarely on inflation, and the weaker NZD associated with the global backdrop is only adding to risks on that score.

The ‘vibe’ of the accompanying statement and Summary Record of Meeting was also largely in line with our expectations – the statement was almost a carbon copy of that in August. If anything, the fact that the Committee discussed the merits of 75bps vs 50bps possibly reflects where the Committee currently see the skew of risks. We concur, but as we’ve stated before, if the global picture goes truly off the rails and sabotages the New Zealand economic outlook via a nasty terms of trade shock, our ‘sticky-inflation, higher-peak-OCR’ risk would pivot to a ‘sticky-inflation limited-ability-to-cut’ risk. Assuming no step-change to the outlook, it’s always been our expectation that it’ll take time for stronger-for-longer inflation dynamics to be incorporated into the RBNZ’s outlook, so the RBNZ’s tone today was always going to have limited implications for our OCR call. We’re all in wait-and-see mode!

Key quotes:

- **Global:** "Headline inflation has declined slightly in some countries, but core measures of inflation have proved more persistent". "Recent indicators suggest the global growth outlook has weakened".
- **Labour market:** "New Zealand's productive capacity is still being constrained by labour shortages and wage pressures are heightened." "Some members noted that there may be changes in wage setting behaviour in an environment of higher headline inflation"
- **Domestic Activity:** "Other more recent indicators suggest that domestic activity in the September quarter may have been slightly stronger than previously assumed."
- **Consumer spending:** "Consumption remains resilient overall, but spending on durable goods, which may be more sensitive to interest rates, has continued to decline". "the level of domestic spending has remained resilient to date, in the face of slowing global growth and higher domestic interest rates. Employment levels are high, and household balance sheets remain resilient despite the fall in house prices"
- **OCR outlook:** "The Committee considered whether to increase the OCR by 50 or 75 basis points at this meeting."
- **Exchange rate:** "Higher global interest rates and increased risk aversion in global markets have placed downward pressure on the New Zealand dollar". "A lower New Zealand dollar, if sustained, poses further upside risk to inflation over the forecast horizon."
- **Housing:** "Members agreed that falling house prices and declines in other asset prices will negatively impact household consumption". "The impact of higher debt servicing requirements are an important channel of monetary policy transmission".
- **Getting traction:** "The Committee considered whether to increase the OCR by 50 or 75 basis points at this meeting. Some members highlighted that a larger increase in the OCR now would reduce the likelihood of a higher peak in the OCR being required. Other members emphasised the degree of policy tightening delivered to date. Members also noted the lags in monetary policy transmission and a slow pass-through to retail interest rates. On balance, the Committee agreed that a 50 basis point increase was appropriate at this meeting."

Our take

Today's decision to raise the OCR by 50bps to 3.50% appears to have been relatively straightforward, despite the dovish surprise from the Reserve Bank of Australia yesterday. Domestic data have evolved broadly in line with the RBNZ's August forecasts (when they signalled a 50bp hike for October and November), analysts were expecting it, and it was the closest option to market pricing.

Our OCR forecast remains unchanged: we expect another 50bp hike in November, with 25bp hikes in each of the first three meetings of 2023, taking the OCR to 4.75%.

We see risks on both sides of this.

On the one hand, data continue to suggest high core inflation will be difficult to tame, and that monetary tightening isn't yet getting the traction it needs to get core inflation down quickly. If capacity (particularly in the labour market) doesn't open up, the OCR could easily have a 5-handle by the end of 2023.

But going the other way, the global outlook seems to be growing more fragile by the day as financial markets wobble. Clearly, there are some very significant high-impact risks bubbling away out there. On top of that uncertainty, there are question marks around how central banks would respond if faced with a nasty trade-off between stabilising inflation and financial stability. The Bank of England has already been confronted with that. There are plausible scenarios, in short, with a nasty combo of higher-than-expected global inflation at the same time as lower-than-expected global growth, that make the appropriate policy response a matter of debate here too.

Certainly recent developments have done nothing to dissuade us that there is a pretty high risk that inflation will prove stickier than expected, both in New Zealand and offshore. Certainly, as long as the RBNZ is prioritising getting inflation down to 2%, OCR cuts wouldn't be appropriate until it's crystal clear the economic outlook is disinflationary – eg with significant job losses on the cards.

So on the one hand, we have heightened big-impact, but difficult-to-forecast downside economic risks that may or may not materialise (and may or may not be disinflationary if they do), while on the other hand, the domestic wage-price spiral is looking more developed than previously feared.

The challenge for the Monetary Policy Committee is that they can't set the OCR for the average outcome across this risk distribution, as then they're guaranteed to fall between two stools. Rather, the OCR needs to be set for what's deemed the single most likely outcome. And right here right now, that's a tighter-for-longer labour market and stronger-for-longer core CPI inflation.

The November Monetary Policy Statement (on 23 November) is the next cab off the rank. We think this meeting has the potential to be a lot more interesting, as the Committee will have a full suite of economic forecasts from which to be able to reassess the risk of persistently higher core inflation (and global markets will have kept evolving!). Key economic data before the November MPS include the Q3 CPI (18 October), and the Q3 labour market data (2 November). A further significant acceleration in core inflation and wages could feed into a higher terminal OCR in the RBNZ's updated forecast. But whether this turns out to be enough to meet the 4½% peak the market had priced in going in today's meeting remains an open question – it may take more than one MPS for the RBNZ to come around to the view that an OCR closer to 5% than 4% is what's needed.

Market reaction

Markets have rightly latched onto the fact that the RBNZ "considered whether to increase the OCR by 50 or 75 basis points". That was the key sentence in the Summary Record of Meeting, and it effectively underwrites the recent run-up in market expectations for hikes going forward. That, alongside the Bank's decision to maintain verbatim every other hawkish phrase from August (tightening "at pace", demand remaining "resilient" to headwinds, "indicators continuing to highlight broad-based pricing pressures" and the Committee remaining "resolute") leave you under no illusion as to what the Committee is thinking. As such, it was as hawkish as anyone could have expected, and the RBNZ's tone stands in stark contrast to the RBA's tone yesterday. Even if markets are yearning for a central bank "pivot" to a slower pace of tightening, the RBNZ clearly isn't of that view (yet).

Short-end rates may not reach last week's stressed highs in coming days given the pull-back in global rates. But we do expect them to continue grinding gradually higher, and for expectations for the November decision to settle a little above 50bps. The Kiwi bounced on the news, and with the RBNZ back in the top spot in the G10 policy rate stakes, the Kiwi just got a little bit more expensive to short. That should limit further downside.

Continued monetary tightening

The Monetary Policy Committee today increased the Official Cash Rate (OCR) to 3.5 percent from 3.0 percent.

The Committee agreed it remains appropriate to continue to tighten monetary conditions at pace to maintain price stability and contribute to maximum sustainable employment. Core consumer price inflation is too high and labour resources are scarce.

Global consumer price pressures remain heightened. The global demand for goods and services is exceeding supply capacity, putting upward pressure on prices. Food and energy prices are being particularly exacerbated by the war in Ukraine.

A recent decline in oil prices and an easing in some supply-chain constraints have seen headline inflation measures fall in some countries. However, core measures of inflation have risen and persist. Central banks are tightening monetary conditions, implying a weaker growth outlook for New Zealand's trading partners.

In New Zealand, the level of domestic spending has remained resilient to date, in the face of slowing global growth and higher domestic interest rates. Employment levels are high, and household balance sheets remain resilient despite the fall in house prices.

New Zealand's productive capacity is still being constrained by labour shortages and wage pressures are heightened. Overall, spending continues to outstrip the capacity to supply goods and services, with a range of indicators continuing to highlight broad-based pricing pressures.

Committee members agreed that monetary conditions needed to continue to tighten until they are confident there is sufficient restraint on spending to bring inflation back within its 1-3 percent per annum target range. The Committee remains resolute in achieving the Monetary Policy Remit.

Summary Record of Meeting – October 2022

The Monetary Policy Committee discussed developments affecting the outlook for inflation and employment in New Zealand. Inflation is currently too high and employment is beyond its maximum sustainable level. The Committee agreed to continue increasing the Official Cash Rate (OCR) at pace to maintain price stability and support maximum sustainable employment.

The Committee discussed recent international economic developments. Inflation remains high globally. Headline inflation has declined slightly in some countries, but core measures of inflation have proved more persistent. Recent indicators suggest the global growth outlook has weakened, in part due to tighter global financial conditions. In Europe, the war in Ukraine continues to pose downside risks to growth and upside risks to inflation. In China, containment of COVID-19 continues to adversely impact activity and there are financial stresses emanating from the property sector.

The Committee observed that global sovereign bond yields have increased significantly, consistent with a repricing of expectations for central bank policy rates. Some members believed that simultaneous and fast-paced monetary tightening in multiple countries was increasing downside risks to global growth. Members noted that large movements in wholesale interest rates and exchange rates were causing a deterioration in financial market liquidity, which can exacerbate market volatility.

Higher global interest rates and increased risk aversion in global markets have placed downward pressure on the New Zealand dollar. Members believed that this would contribute toward a rebalancing of New Zealand's current account over the long-term. However, a lower New Zealand dollar, if sustained, poses further upside risk to inflation over the forecast horizon.

The Committee discussed recent developments in the domestic economy. New Zealand GDP in the June quarter rebounded broadly as expected. This was supported by a resumption in international tourism following the reopening of New Zealand's borders, and an increase in domestic activity following the relaxation of pandemic restrictions. Other more recent indicators suggest that domestic activity in the September quarter may have been slightly stronger than previously assumed. Consumption remains resilient overall, but spending on durable goods, which may be more sensitive to interest rates, has continued to decline.

Household balance sheets are resilient despite recent declines in house prices. Members agreed that falling house prices and declines in other asset prices will negatively impact household consumption. Members noted that household debt servicing costs were rising and had further to increase on average as more fixed-rate mortgages are reset at higher interest rates. The impact of higher debt servicing requirements are an important channel of monetary policy transmission.

The Committee noted recent survey data showed that for businesses, cost pressures and labour scarcity remain the primary concerns. The construction industry faces ongoing capacity constraints. Building consents remain near historic highs, driven by growth in multi-unit dwellings, although there is uncertainty about the construction pipeline going forward.

The Committee agreed that the labour market remains very tight. Net migration remains negative and is yet to provide any sustained recovery in external labour supply. Members discussed the likelihood of further upside wage pressure given lags in the wage setting process. Some members noted that there may be changes in wage setting behaviour in an environment of higher headline inflation.

The Committee discussed domestic financial conditions. Members noted the strong funding position of banks and that as a result, recent increases in wholesale interest rates have yet to be fully reflected in retail interest rates. However, wholesale funding costs are rising and bank funding conditions are expected to become less accommodative. The Committee expects that higher wholesale interest rates will be reflected in higher retail interest rates, particularly deposit rates, as banks compete for funding.

The Committee discussed the pace and extent of monetary tightening required. Members agreed that the OCR needed to reach a level where the Committee could be confident it was sufficient to maintain expectations of low inflation in the longer term and bring consumer price inflation to within the target range.

The Committee considered whether to increase the OCR by 50 or 75 basis points at this meeting. Some members highlighted that a larger increase in the OCR now would reduce the likelihood of a higher peak in the OCR being required. Other members emphasised the degree of policy tightening delivered to date. Members also noted the lags in monetary policy transmission and a slow pass-through to retail interest rates. On balance, the Committee agreed that a 50 basis point increase was appropriate at this meeting.

On Wednesday 5 October, the Committee reached a consensus to increase the OCR to 3.5 percent from 3 percent.

Attendees:

Reserve Bank staff: Adrian Orr, Karen Silk, Christian Hawkesby, Paul Conway

External: Bob Buckle, Peter Harris, Caroline Saunders

Treasury Observer: Tim Ng

Secretary: David Craigie



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 27 664 3554
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 co-ordinator, fiscal policy, economic risk assessment and credit developments.

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



Finn Robinson
Economist

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

Telephone: +64 21 629 553
Email: finn.robinson@anz.com



Kyle Uerata
Economic Statistician

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

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

Important notice

Last updated: 1 September 2022

This document (which may be in the form of text, image, video or audio) is intended for ANZ's Institutional, Markets and Private Banking clients. It should not be forwarded, copied or distributed. The opinions and research contained in this document are (a) not personal advice nor financial advice about any product or service; (b) provided for information only; and (c) intended to be general in nature and does not take into account your financial situation or goals.

This document may be restricted by law in certain jurisdictions. Persons who receive this document must inform themselves about and observe all relevant restrictions.

Disclaimer for all jurisdictions: This document is prepared and distributed in your country/region by either: Australia and New Zealand Banking Group Limited (ABN11 005 357 522) (**ANZ**); or its relevant subsidiary or branch (each, an **Affiliate**), as appropriate or as set out below.

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 contained within is intended to be an invitation, solicitation or offer by ANZ 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 would be subject to additional licensing or registration requirements. Further, the products and services mentioned in this document may not be available in all countries.

ANZ in no way provides any 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, ANZ does not represent or warrant the accuracy or completeness of the information. Further, ANZ 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.

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 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. Past performance is not necessarily an indicator of future performance. The 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 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. Please note, the contents of this document have not been reviewed by any regulatory body or authority in any jurisdiction.

ANZ and its Affiliates may have an interest in the subject matter of this document. They may receive fees from customers for dealing in the 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 the 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's policies on conflicts of interest and ANZ maintains appropriate information barriers to control the flow of information between businesses within it and its Affiliates.

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

Country/region specific information: Unless stated otherwise, this document is distributed by Australia and New Zealand Banking Group Limited (**ANZ**).

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 Banking Group Limited 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.

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).

Important notice

New Zealand. This material is for information purposes only and is not financial advice about any product or service. We recommend seeking financial 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. 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 Cap. 289 of Singapore). ANZ is licensed in Singapore under the Banking Act Cap. 19 of Singapore and is exempted from holding a financial adviser's licence under Section 23(1)(a) of the Financial Advisers Act Cap. 100 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.

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**) 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.

This document has been prepared by ANZ Bank New Zealand Limited, Level 26, 23-29 Albert Street, Auckland 1010, New Zealand, Ph 64-9-357 4094, e-mail nzeconomics@anz.com, <http://www.anz.co.nz>