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.



Forecast updates

Recent ANZ NZ Forecast Updates can be found here.

- NZ Forecast Update: milk prices trend higher
- NZ Property Focus: going up
- NZ Forecast Update: milk price revised down further
- NZ Forecast Update: the muchneeded adjustment
- NZ Forecast Update: milk price forecasts trimmed further

Our other recent publications are on page 2.

What's the view?

- GDP transitioning from acute supply constraints to a softening demand pulse.
- Labour market now cooling.
- Inflation way above target and looking sticky.
- OCR on hold at 5.50% until February 2025, then lower.

Our forecasts are on page 4.

Confused by acronyms or jargon? See a glossary here.

Key risks to our view



Global growth and financial market risks persist, with China in focus.



Soaring net migration could see rents and house prices start to rise more quickly.



Booming migration plus fiscal stimulus could see demand hold up for longer.



NZ's large external imbalances could see the market impose a more abrupt adjustment path.

Willing to hike further

As expected, the RBNZ left the Official Cash Rate (OCR) unchanged at 5.50% on Wednesday. However, in a surprise to the market, the forecast peak OCR was raised from 5.59% to 5.69%. The RBNZ pencilled in cuts for the first half of 2025, a little later than before.

The hawkish tilt came despite recent data that on balance has gone the RBNZ's way, particularly the labour market. Part of it may be strategy, talking tough to prevent the market running away with the idea of cuts and thereby easing monetary conditions, but there does appear to be genuine concern that the bulk of the transmission of monetary policy is now in the rear-view mirror and core inflation and inflation expectations have not responded as hoped.

We still very much see the risks around the OCR as two-sided from here. Data on the labour market and inflation expectations will be particularly important to watch over the long summer break.

In this week's ANZ Business Outlook business confidence lifted another 8 points to +31 in November. Expected own activity rose 3 points to +26. For much of the sample this is their first survey response since the election.

The ANZBO headline inflation indicator suite continues its trek down the mountain, but there's still a long way to go and pricing intentions have stopped for lunch (figure 1). Some RBNZ members indicated a low tolerance for inflation taking any longer to return to their 1-3% target band than forecast in the MPS this week. If slowing progress from ANZBO materialises in CPI inflation, the RBNZ has indicated their willingness to hike further.

Figure 1. Slow progress on inflation expectations is making RBNZ impatient



Thems mentions, the costs, the immuton exp

Source: Macrobond, ANZ Research

Consumers are also expecting high inflation to linger. In our November consumer confidence survey released this morning, inflation expectations were little changed at 4.6%. Headline confidence improved a smidgen but is still subdued, rising 4 points to 91.9. The biggest rise was in the question about whether it's a good time to buy a major household item, which rose 13pts to -25%. However, insofar as this question has overstated headwinds to retail spending in the high inflation environment, a rebound (to still-low levels) is unlikely to mean that the pressure on retailers is about to ease.



Looking ahead



NZ Insights and Analysis

ANZ produces a range of in-depth insights.

- NZ Insight: labour market capacity indicators
- NZ Property Focus: a spring chill
- NZ Insight: Coalition policy announcements
- NZ Insight: what an oil price shock could mean for inflation
- NZ Economic Outlook: ups and downs
- NZ Insight: macro impacts in New Zealand from an increase in global term rates
- NZ Insight: finding external balance
- NZ Insight: post-election macroeconomic musings
- NZ Agri Focus: regaining ground



NZ Economic News

View latest data and policy releases

- NZ GDP: what recession ... but one looming?
- NZ REINZ housing data: gradually defrosting
- RBNZ MPS Review: when hawks fly
- NZ CPI and OCR call change: progress buys time
- NZ labour market: the ship has turned
- NZ PREFU 2023: more debt, more bonds, more deficits

Click here for more.



ANZ Proprietary data

Check out our latest releases below.

- ANZ Business Outlook
- ANZ-Roy Morgan Consumer Confidence
- ANZ Truckometer
- ANZ Commodity Price Index
- ANZ NZ Merchant and Card Spending: October 2023

Turning tides

Our suite of labour market capacity indicators suggests that the labour market is no longer in an inflationary state, despite the unemployment rate still sitting below our estimate of the non-accelerating inflation rate of unemployment (NAIRU). This week the RBNZ took a slightly different view, indicating they think that the labour market remains above maximum sustainable employment (MSE). We're chalking the difference in opinion up to timing, with the RBNZ paying more attention to indicators that are slightly more lagging. We expect them to arrive at the same conclusion as us next quarter.

While transitioning the labour market back to maximum sustainable employment is an important milestone for the RBNZ in its inflation fight, ultimately a sustained period of slack in the labour market is required to generate the necessary downward pressure on domestic inflation. In other words, the cold hard reality is that further softening in the labour market will be the cost of achieving lower and stable CPI inflation over the medium term, and the loosening we're now seeing in the capacity suite data is part of the RBNZ's plan (figure 2).

Figure 2. The labour market has loosened significantly



Source: Stats NZ, NZIER, RBNZ, Macrobond, ANZ Research

The incoming Government this week announced that their first bill to pass into law this term will be to remove the labour market objective from the Reserve Bank Act 2021, with passage expected late next week and an updated remit issued thereafter. We don't expect this to change RBNZ decisions significantly. Even without a dual mandate, the amount of slack in the labour market is a key measure of inflationary pressure in the economy, so we expect the RBNZ to continue to monitor its MSE suite closely.

The labour market is only one of several pieces of economic data the RBNZ monitors, with activity data including exports playing a leading role. This week we revised up our milk price forecast for the current 2023-24 season up by 55c to \$7.70/kg MS. The relatively weak NZD is helping to support the farmgate milk price with only a gradual firming expected across the current dairy season. Our inaugural forecast for the 2024-25 season sits a little higher at \$8.50/kg MS, but there is considerable uncertainty and risk in forecasting this far in advance.

The RBNZ also watches house prices closely, because rising house prices can cause increased spending throughout the economy, as people use the extra money to fund renovations or durables spending, or as construction companies expand because their selling prices are higher. In our November Property Focus released this week, we made a small tweak to our house price forecast and now expect house prices to fall 0.4% in 2023 (3-month moving average), versus a 0.2% rise previously. We expect smaller rises over the next two years than the RBNZ does.



Financial markets update



Data/event
Terms of Trade – Q3
Volume of All
Buildings – Q3
ANZ Commodity
Price Index – Nov
GlobalDairyTrade auction
Economic Survey of
Manufacturing – Q3
Electronic Card
Transactions – Nov
Net Migration – Oct
Current Account - Q3
Selected Price
Indexes – Nov
GDP - Q3
BusinessNZ Manuf PMI - Nov
Performance
Services Index – Nov
ANZ Truckometer –
Nov Merchandise Trade –
Nov
ANZ Business
Outlook - Dec
GlobalDairyTrade
auction
ANZ-RM Consumer Confidence – Dec
GlobalDairyTrade
auction
Employment
Indicators -Nov
ANZ Commodity
Price Index - Dec
Building Permits – Nov
BusinessNZ Manuf
PMI – Nov
Performance Services Index – Dec
GDP - Q4
ANZ Truckometer – Dec
ANZ Business
Outlook – Jan
ANZ-RM Consumer
Confidence – Jan

Interest rate markets

Global long-term bond yields continued their decline this week, led by the US, where markets were spurred on by dovish comments by Fed Governor Waller. He's typically viewed as a hawk, so his hat-tip to possible cuts if inflation keeps falling was seen as a significant signal ahead of this month's Fed meeting. How Fed policy evolves doesn't directly affect RBNZ policy, but the NZ bond market remains highly correlated to the US, and the "cuts are coming" vibe is capping long-end yields here. Short-end rates are also lower despite the RBNZ's hawkish tone and clear signal that the hurdle to raising the OCR is relatively low should there be any more delays in getting inflation back to target. Markets think the RBNZ is bluffing and remain captivated by glower lobal rates, but even if the RBNZ makes good on its threat, that won't happen till 2024, and in the meantime, markets are likely to continue dancing to a global beat.

FX markets

The Kiwi ended November on a high note, closing 3 cents higher over the month. Looking ahead, we expect the divergent rhetoric of the RBNZ and the Fed to support the Kiwi, but perhaps not to the same extent as was seen over the month of November, with our Q4 2024 forecast at 0.63.

Key data summary

Monthly Employment Indicators – October. Filled jobs rose 0.5% m/m, buoyed by a roughly 20k increase in temporary General Election workers.

RBNZ Monetary Policy Statement - November. Hawkish. See our Review.

Building Permits – October. Up 8.7% m/m, but still trending lower in annual sum terms.

ANZ Business Outlook – November. Activity more buoyant. Inflation indicators fell glacially.

RBNZ sectoral lending data – October. Growth in housing lending remains subdued, but has lifted a touch in-line with house sales.

ANZ-Roy Morgan Consumer Confidence – November. Headline consumer confidence rose 4 points in November to 91.9, still a very subdued level. Inflation expectations were little changed.

The week ahead

Overseas Trade Indices – Q3 (Monday 4 December, 10:45am). Export prices were soft in Q3, notably dairy. We've pencilled in a 2% q/q fall for goods export prices and a 0.5% q/q rise for goods import prices, with the terms of trade forecast to fall 2.5% q/q.

Building Work Put in Place – Q3 (Tuesday 5 December, 10:45am). We've pencilled in a 3.5% q/q decline, with both residential and non-residential lower as higher interest rates bite.

ANZ Commodity Price Index – November (Tuesday 5 December, 1:00pm).

GlobalDairyTrade auction (Wednesday 6 December, early am). Dairy prices are expected to lift a further 3% at this auction as global demand for whole milk powder strengthens.

Economic Survey of Manufacturing – Q3 (Friday 8 December, 10:45am). According to the PMI, manufacturing volumes have further to fall. We expect further easing in the ex-food and petroleum cut, and some payback from Q2's 5.8% q/q rise in food manufacturing.



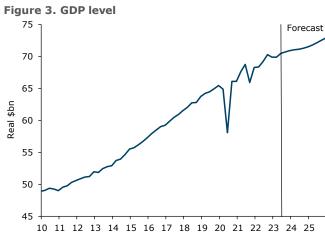
Key forecasts and rates

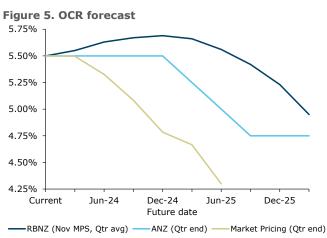
	Actual				Forecast (end month)				
FX rates	Oct-23	Nov-23	Today	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25
NZD/USD	0.585	0.615	0.615	0.590	0.610	0.610	0.620	0.630	0.630
NZD/AUD	0.919	0.931	0.932	0.908	0.897	0.897	0.886	0.875	0.875
NZD/EUR	0.549	0.563	0.565	0.541	0.550	0.540	0.544	0.543	0.543
NZD/JPY	88.2	90.7	91.2	85.6	85.4	83.0	81.8	80.6	80.6
NZD/GBP	0.480	0.486	0.487	0.465	0.473	0.462	0.463	0.463	0.463
NZ\$ TWI	69.6	71.4	71.5	68.7	69.8	69.1	69.4	69.5	69.4
Interest rates	Oct-23	Nov-23	Today	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25
NZ OCR	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.25
NZ 90 day bill	5.64	5.62	5.63	5.57	5.48	5.38	5.25	5.10	4.92
NZ 2-yr swap	5.58	5.16	5.22	5.10	4.96	4.86	4.76	4.69	4.63
NZ 10-yr bond	5.55	4.88	4.99	5.10	5.10	5.00	5.00	4.85	4.75

Economic forecasts

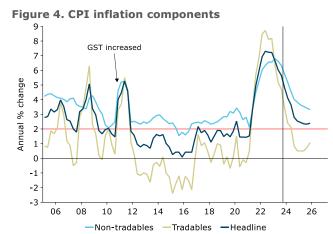
	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24	Sep-24	Dec-24	Mar-25	Jun-25
GDP (% qoq)	0.9	0.3	0.3	0.2	0.1	0.2	0.3	0.4	0.5
GDP (% yoy)	1.8	0.6	1.5	1.7	0.9	0.8	0.8	1.0	1.4
CPI (% qoq)	1.1	1.8	0.6	0.6	0.6	0.9	0.4	0.4	0.6
CPI (% yoy)	6.0	5.6	4.8	4.1	3.7	2.8	2.5	2.4	2.4
Employment (% qoq)	1.0	-0.2	-0.2	-0.3	-0.1	0.1	0.1	0.2	0.2
Employment (% yoy)	4.1	2.4	1.6	0.3	-0.8	-0.5	-0.2	0.3	0.6
Unemployment Rate (% sa)	3.6	3.9	4.3	4.7	4.9	5.0	5.1	5.2	5.3

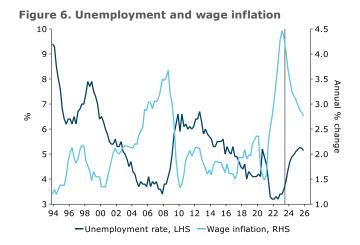
Figures in bold are forecasts. mom: Month-on-Month; qoq: Quarter-on-Quarter; yoy: Year-on-Year. Click here for full ANZ forecasts





Source: Stats NZ, Bloomberg, RBNZ, Macrobond, ANZ Research







Contact us

Meet the team

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



Sharon ZollnerChief Economist
Follow Sharon on X
@sharon_zollner

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

Follow 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, economic developments, GDP and activity dynamics, fiscal and monetary policy.

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



Henry Russell Economist

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

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



Andre Castaing Economist

Macroeconomic forecasting, economic developments, housing and monetary policy.

Telephone: +64 21 199 8718 Email: andre.castaing@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



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: 18 April 2023

The opinions and research contained in this document (which may be 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) intended to be general in nature and do 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 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 this document 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 contained within 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, ANZ Group does not represent or warrant the accuracy or completeness of the information, except with respect to information concerning ANZ Group. 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.

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. Past performance is not necessarily an indicator of future performance. 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. Please note, 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.

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 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.

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.