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



Catch (Budget) 22

Summary

- The Catch-22 facing the Government right now is how to alleviate inflation pressures while delivering an expansionary budget.
- The Government has already set up Budget 2022 to be a big one, announcing at the Half-Year Update a \$6bn operating allowance, a \$4bn increase to the multi-year capital envelope, and a newly minted \$3.7bn Climate Emergency Response Fund.
- The above figures might sound small compared to the total \$74.1 billion COVID Response and Recovery Fund (which was increased by another \$5bn in February 2022), but that \$6bn operating allowance is a biggie. Unlike the one-off nature of capex spending (ignoring depreciation), operating is per year. That \$6bn operating allowance represents \$30bn over the next 5 years.
- With this much spending already announced, and the likes of the OECD recommending a rapid withdrawal of fiscal stimulus to reduce the burden on monetary policy of macroeconomic stabilisation, we do not expect further increases in spending. In terms of where the money is directed, health reform and climate change are expected to be the big ones.
- Those looking for Government initiatives to address sky-high inflation may be disappointed. Targeted support to help those doing it tough still looks to be very much needed, but additional macroeconomic stimulus is not. All else equal, the latter will be met with higher-than-otherwise inflation pressures and interest rates.
- We expect the Treasury's economic outlook to be downgraded on the activity side (largely reflecting the impacts of a higher OCR and stretched capacity), but stronger inflation will provide at least a partial offset to the outlook for nominal GDP (which is what really matters for the fiscals).
- The starting point for the fiscals is a touch stronger than the Half-Year forecast, but that likely reflects the fact that the Delta lockdown had less severe economic impacts than the Treasury were expecting. Therefore, the full starting point surprise is unlikely to be baked into the outlook.
- The Government's updated fiscal strategy (ie new fiscal rules) puts the OBEGAL front and centre. The Minster has already said that the Budget forecasts will show a one-year delay to reaching surplus compared to the Half-Year Update.
- Increased government spending (ie February's increase to the COVID Fund), the \$5bn of planned LSAP bond buy-backs from the RBNZ each year, and higher interest rates are expected to lift the Government's funding requirement. We expect NZDM to increase bond issuance guidance to \$25bn over the 2023-25 fiscal years (from \$18bn), and lift 2026 to \$15bn (from \$10bn).

The detail

On May 19, the Treasury will open up the Government's books once again and produce a fresh set of economic and fiscal forecasts. The Minister of Finance will table the Government's spending plans for the years ahead in "The Budget", and the Government's Fiscal Strategy Report will incorporate the recently announced new fiscal rules.

The Treasury's updated economic outlook likely to include more inflation, but less activity...

What are the main economic developments since the Half-Year Update? Delta-lockdown impacts on real GDP were smaller than the Treasury's forecast, CPI inflation printed stronger, the OCR is on a sharper trajectory higher, and the labour market evolved close to expectation (ie it's tight, with capacity stretch very evident). There's also the Ukraine crisis, but the economic impacts of this in the Treasury's forecast will likely be dwarfed by the higher OCR (which is largely responding to domestic inflation).

Nominal GDP (which is what really matters for the fiscal outlook) came in about \$1bn above forecast in Q3 (after stripping out data revisions), but weaker than expected in Q4. In other words, there was a smaller Delta-induced contraction, but a smaller rebound too. Looking through the lockdown noise (and data revisions), it appears to be a slightly weaker starting point for momentum in the nominal economy on balance, but the Treasury's judgements (and reconciliation with the tax data) could swing it the other way.

Turning to the outlook, the Treasury (like us) are likely to acknowledge the changing composition of the economy:

- Front-loaded OCR hikes will weigh on the outlook for domestic demand (eg private consumption and investment);
- Higher and more persistent inflation bolsters the nominal economy, but hurts households and businesses;
- The house price outlook will likely be downgraded;
- Borders are reopening, which requires assumptions around what that means for net migration and international tourism and education exports;
- The degree of capacity stretch in the economy looks greater still (as evidenced by roaring domestic (aka non-tradable) inflation.

In terms of real activity, this mix is largely pointing one way: down. However, when it comes to the outlook for nominal GDP, there will likely be some offset from higher inflation. That's not a good news story for people on the street, but tax revenues and key fiscal ratios (eg debt to GDP) don't discriminate here.

Based on our estimates (it's a guess really), risks are skewed towards a slight downgrade to the Treasury's nominal GDP forecast overall. But key assumptions – such as the efficacy of higher rates in slowing demand and taming inflation – could mean we're well off the mark.

Figure 1. Nominal GDP outlook

80
75
70
65
60
45
40
35
00
02
04
06
08
10
12
14
16
18
20
22
24
26
Half-Year 2021
ANZ

Source: Stats NZ, The Treasury, ANZ Research

...as the fiscal outlook incorporates more spending and the better starting point

In the nine months to March, core Crown tax revenue was running \$2.7bn ahead of the Treasury's forecast. Tax receipts (cash concept) were not significantly outperforming the Half-Year forecast, but that's likely just timing. Meanwhile, expenses were running close to forecast – but they probably would have been running below had it not been for the Omicron outbreak.

It's difficult to know how the Treasury will reconcile the stronger tax revenue starting point with their updated outlook. It's possible they tee up the bulk of the positive revenue surprise to smaller-than-expected Deltalockdown impacts. All else equal, that would leave less scope for an upgrade to the outlook for tax revenues (ie a smaller hole in GDP and tax in 2021 doesn't imply a significantly stronger medium-term outlook).

When announcing the Government's updated fiscal rules, the Minister of Finance said Budget 2022 will not include any increase to the multi-year capital envelope. That means the \$4bn increase (to \$9.8bn over 4 years) announced at the Half-Year Update in December is it (for now). Given the pressure on inflation, we'd be very surprised if the Government decided to increase the operating allowance for Budget 2022 (from a lofty \$6bn). Again, that was already increased in December last year. There is also the newly minted \$3.7bn Climate Emergency Response Fund. It's possible this gets a bump, but perhaps that's a story for after the fund has been running for a while. All up, as far as we can tell, the only increase to spending since the Half-Year Update will come from February's \$5bn increase to the COVID Response and Recovery Fund.

Putting it all together, we're expecting a small improvement in the fiscals for the remainder of the 2022 fiscal year (starting point), but a small downgrade thereafter. The Government's updated fiscal rule to keep surpluses within a band of 0-2% of GDP puts the OBEGAL forecast front and centre. As already foretold by the Minister of Finance, the forecast return to surplus will be delayed by one year in the Budget forecast. That's now expected to happen in the year to June 2025. The \$2.1bn surplus previously forecast for 2024 will likely come in at a deficit of around \$2-4bn (reflecting higher COIVD spending, and possibly a weaker economy). By 2026, we expect the forecast will show a surplus in excess of the 0-2% of GDP rule (but lower than the 8.2% forecast at the Half-Year Update). That suggests there is plenty of flexibility for the Government to increase spending in the future while still meeting its rule – but these decisions tend to get made closer to the time.

It's important to note that forecasting a surplus is very different from actually achieving one. The big test of the Government's new rule will be whether surpluses are actually delivered (rather than always being forecast, but pushed out as spending gets a bump in future Budgets). That might not prevent a gradual reduction in debt to GDP in "normal times" (the nominal economy does tend to grow), but it could mean the fiscal war chest isn't resupplied very well before the next inevitable crisis comes along. If fiscal buffers are not rebuilt fast enough, every economic shock could result in a structurally higher debt ratio.

Net debt no longer has "target" status when it comes to the Government's fiscal strategy – it's now a "ceiling" that is very unlikely to constrain fiscal settings, provided the OBEGAL rule is being met. This tweak to the fiscal strategy provides plenty of flexibility on capital spending going forward (something that would have been useful in the 2010s, when the population was growing rapidly, but capex was not).

All up, the new fiscal strategy leaves plenty of scope for the Government to increase spending in the future, over and above what will make it into the Treasury's forecast at Budget.

Net debt may no longer be a "target", but it'll continue to be watched very closely by ratings agencies and the public alike. Budget 2022 will offer a reset as we calibrate to the new headline debt measure (which includes more assets and liabilities, and is around 20% of GDP lower than the old measure).

We have mixed feelings about including the NZ Super Fund in net debt. Yes, it brings NZ's headline measure more in line with international peers such as Australia, but it disregards the fact that this is a special asset. Over the long run (beyond the forecast horizon), this asset is very much needed to be held against a very large liability: the fiscal cost of an aging population. On the one hand, including this asset means future governments will no longer be incentivised to halt contributions to the fund in order to make debt look better. But on the other hand, the improved cosmetics of this new indicator could end up loosening the Government's (and the public's) tolerance to take on more debt. Depending on the details, that could mean NZ may find itself in a worse position to deal with an aging population further down the track.

The Treasury's Long term Fiscal Statement discusses these issues in a lot more detail. It's not a story for Budget 2022, but something we should all have in the back of our mind as we evaluate the fiscal position.

NZDM to upgrade its bond guidance

As always, there's a lot to consider when it comes to guessing NZDM's bond issuance guidance:

- They'll need extra funding to buy the planned \$5bn of LSAP bonds from the RBNZ each year.
- The Government increased the COVID fund by \$5bn to \$74.1bn. That's
 more debt that'll need funding (all else equal). We're not expecting any
 other spending increases over and above those announced at the HalfYear Update.
- Interest rates have lifted since the Half-Year Update. That means less cash in the door for a given face value of bonds that go out. We estimate this is probably worth around \$1bn in any given fiscal year.
- Changes to the Treasury's economic and fiscal outlook have the
 potential to drive very significant changes to the Government's funding
 requirement. But we're expecting relatively neutral tweaks here, and are
 looking through a lot of the positive starting point surprise.
- As outlined at the Half-Year Update, NZDM's funding programme already incorporates a running down of its liquid assets over the coming years. We don't expect any change to this strategy or the pace of run-down.

Weighing it all up, we see a decent bump to bond guidance from 2023. As table 1 shows, our back-of-the-envelope estimate lands on \$25bn from 2023 to 24, followed by 15bn in 2026. The 2022 fiscal year is basically done and dusted, so expect no change to guidance there. NZDM switched to rounding to the nearest \$2bn at the Half-Year Update (from the nearest \$5bn), meaning our expectation for \$25bn years could easily come in at \$24 or \$26bn. And of course, NZDM can deal with any overs and unders via its flexible approach to T-bill issuance, adding an additional layer of uncertainty to our expectation.

Table 1. NZDM bond issuance guidance (\$bn)

	Jun-22	Jun-23	Jun-24	Jun-25	Jun-26	Total (23-26)
2021 Half-Year Update	20	18	18	18	10	64
Budget 2022 (ANZ expectation)	20	25	25	25	15	90

Risks are skewed towards *actual* issuance coming in higher than NZDM's guidance, as the Government uses the increased flexibility in its fiscal rules to increase spending further down the track. But with such decisions not yet taken, they won't make it into the Treasury's forecast just yet, and therefore into NZDM's issuance guidance.

NZDM are also likely to announce their intention to syndicate at least one new bond over 2022/23 (in addition to the planned syndication of the new Sovereign Green Bond already announced for the first half of the fiscal year). That's based on our expectation of \$25bn of issuance and our assessment that the market only has appetite for a maximum of \$350m to \$400m bonds per week at tender.

Across 52 possible tender dates, assuming a 3-4 week pause over Christmas/New Year, and 2-3 syndications, that leaves NZDM with scope to hold, say, 46 tenders. If the pace of issuance is \$400m per week, tenders would raise \$18.4bn of bonds, leaving \$6.6bn to be issued via syndication. That could be easily done via two syndications (ie the Green bond plus one more). However, given the untested nature of Green bonds, NZDM may opt to be safe and announce an intention to hold three syndications (the Green bond plus two more).

Investors tend to prefer syndications as an issuance mechanism, and doing more volume via syndications would take pressure off tenders (eg if \$9bn were syndicated, weekly tender volumes would only need to rise to around \$350m/week).

In terms of the likely bonds to be offered, with a 30yr bond already in place, the obvious thing to do would be to fill gaps on the nominal curve. In that regard, a 2030 nominal bond is a contender (there is a linker maturing that year, but it actually falls in the 2030/31 fiscal year and there are no maturities in the 2029/30 fiscal year). Heading into 2023, that would become the benchmark 7-year bond, which would appeal to domestic buyers and balance sheets. We don't think a 2034 (the next gap) would have much appeal, but a 2047 bond would fill the long gap between the 2041s and 2051s and match the second-longest ACGB maturity.

Fiscal policy in the macroeconomic context

Given its size, those expecting Budget 2022 to deliver a silver bullet to tame inflation are likely to be disappointed.

The reality is, gauging the additional inflation pulse from fiscal settings is never straightforward. For example, spending that simply reshuffles deficits from one balance sheet to another (say DHB deficits to the core Crown balance sheet) may not be stimulatory (provided the reshuffle doesn't facilitate further expansion by the first entity).

In other words, the details matter. As a rule of thumb, any spending announcements that look like they will divert already-utilised capital and labour towards the public sector will very likely add to inflation. For example, we might desperately need 1800 more police officers, but that's up to 1800 workers that won't be available to fill other roles, in an exceptionally tight labour market. Now, that's not to say the Government shouldn't do this; it just illustrates how government spending can crowd out private sector activity, adding to resource scarcity (in this case labour), which will bid up costs and prices, all else equal.

The Treasury's fiscal impulse is one (very crude) way of capturing the impact of fiscal settings on aggregate demand. And it's typical for this indicator to be revised upwards in the near term at each forecast round as spending is delayed (pushed into the next fiscal year) and as the government chooses to increase spending at each Budget. This "wave" effect will likely be no different at Budget 22. However, one of the bigger critiques of the fiscal impulse is that does not account for second-round impacts, which appear to have been very strong over the past couple of years – in particular the success of the wage subsidy in keeping people connected to their jobs. That has been a welcome surprise to everyone over the past couple of years.

It's worth noting that economic forecast accuracy (by us, the RBNZ, or the Treasury) hasn't been great these past couple of years. The impacts of the pandemic and the policy response have surprised on a number of fronts, and the outlook remains very uncertain. It's entirely possible that risks of a hard landing materialise by year end, with capacity opening up and a little extra stimulus looking more like a good thing.

All up, Budget 2022 is shaping up to be a big one. It'll likely be stimulatory, but the details will matter. Without yet knowing the details, we're agnostic as to whether all this spending is 'good' or 'bad', cognisant of both the near-term cyclical picture (inflation), but also the longer-term structural issues facing New Zealand. Targeted support is still very much needed by those struggling the most, but additional macroeconomic stimulus is not. The latter could end up pushing inflation and interest rate higher than otherwise, causing even more pain for households and businesses. There's no such thing as a free lunch.



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 (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



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 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 4 802 2217 Email: natalie.denne@anz.com

Important notice

Last updated: 28 February 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.

Brunei, India, 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.

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.

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.

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 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.

Important notice

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 or Oman's Capital Market Authority. 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. Accordingly, 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 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