# Weekly Commentary

8 July 2019

## **Under pressure**

With a deepening malaise in the business sector, as well as softness in some other parts of the economy, an August rate cut from the RBNZ is looking increasingly likely. These developments also mean that the RBNZ could leave the door open for a third cut. However, with a policy related firming in growth on the cards over the coming year, we think it's more likely that 1.25% will be the low for the Official Cash Rate.

We have revised down our forecast for GDP growth in mid-2019. We now expect growth of only 0.4% in the June quarter (down from our earlier forecast of 0.6%). That would see annual GDP growth slowing to 2.4% - a pace that's not much faster than the rate of population growth over the past year.

Signs that the economy has been losing steam have been mounting in recent months, and we were already forecasting some deceleration in GDP growth. However, the latest Quarterly Survey of Business Opinion (QSBO) indicates that the slowdown in business activity has been even more pronounced than we had expected. This survey is one of the most reliable gauges of New Zealand economic conditions and doesn't show the same sort of political bias that other surveys do. The latest update revealed that business confidence has fallen to a ten-year low. Businesses are reporting weaker trading conditions and ongoing pressure on profitability in the face of rising costs but limited ability to raise prices. There has also been a related pullback in business hiring intentions, as well as continued weakness in investment spending.

This downbeat reading in the QSBO reinforces the message from other recent surveys of business activity. It also comes atop of softness in the housing market and sluggish household spending in recent months. We've also been hearing concerns about the economic backdrop in our own talks with businesses in recent weeks. However, those talks have also highlighted some big differences in economic conditions across the country. There's definitely been softness in Auckland and Canterbury. In contrast, businesses in many other areas are feeling quite upbeat, especially in those areas with an agricultural backbone. Wellington is also looking in fine fettle, supported by growth in the Government sector.

Stone Store, Kerikeri

In addition to the softening in domestic conditions, we are encountering headwinds on the external front. Notably, prices for our dairy exports have fallen in the past four auctions, leaving overall prices back at levels we last saw in January. We were always expecting auction prices to fall over the course of this year. However, this has come through faster than we anticipated. In response, we've lowered our farmgate milk price forecast for the 2019/2020 season to \$6.90/kg (down from our earlier forecast of \$7.20). On top of that, the NZ dollar has pushed higher in recent weeks, rising to around 67 cents against the USD.

These developments will certainly have raised some flags at the RBNZ. They've been wrestling with low inflation for years now and have been looking for a reacceleration in growth to offset this. However, it now looks like GDP growth in 2019 will fall well short of the rates the RBNZ had factored into their last set of published projections.

## **Under pressure**

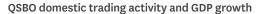
This has reinforced our expectation that the RBNZ will cut the cash rate to 1.25% at the August policy meeting. It also means that they could leave the door open for another cut.

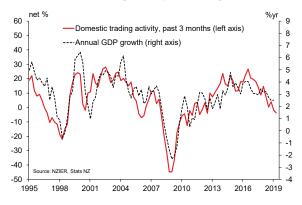
But while we do see some chance of a follow up rate cut after the August policy meeting, we think it's more likely that the RBNZ will hold fire. That's because a reacceleration in growth is on the cards through the back half of 2019 and into 2020, and will likely leave them feeling a little more comfortable about the outlook for inflation.

Several major factors are expected to support growth over the coming year. First are the large increases in fiscal spending that are now being rolled out. And with spending plans ramped up again in May's Budget, the related boost to demand will now be even stronger than we had previously anticipated.

On top of that, we're continuing to see positive signs for construction activity over the coming year. Data over the past week showed that residential building consents rose 13% in May to a 45-year high. There is also a large pipeline of commercial and infrastructure work planned.

Finally, with borrowing rates already at very low levels, conditions are ripe for a rise in asset prices. Globally, we've already seen low interest rates providing a powerful shot in the arm to equity markets, even as economic growth in many regions has cooled. Here in New Zealand, we expect that the impact of low borrowing rates will be seen most clearly in the housing market, especially given the lift in purchasers' appetites following the cancellation of the proposed capital gains tax. We were already forecasting a lift in nationwide house price inflation from around 2% now to 7% next year, along with a related rise in household spending. Another rate cut in August could push mortgage rates lower still, resulting in even larger increases on both of those fronts.





### **Fixed vs Floating for mortgages**

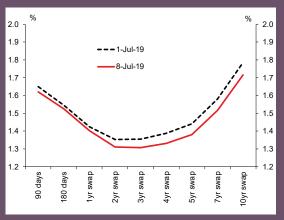
We expect the Reserve Bank will lower the OCR in August. If that is correct, both floating and fixed mortgage rates may fall over the coming month or two. However, we expect the OCR to rise again in the early 2020s, pushing mortgage rates up at that time.

Based on our OCR forecasts, three-year fixed mortgage rates seem the best value on offer today. However, opportunities to fix at an even lower rate might emerge over the coming month or two. Today's one- and two year rates are also fairly good value, with neither strongly preferred to the other.

Four- and five-year fixed rates are higher than where we expect shorter-term rates to go over the relevant timeframe, but longer-term fixed rates do offer insurance against the risk of future interest rate increases.

Floating mortgage rates are normally expensive for borrowers, but they may be the preferred option for those who require flexibility in their repayments.

#### NZ interest rates



## The week ahead

#### **NZ Jun REINZ House Price Index**

#### Jul 8-12, Last: +0.2%

- The housing market slowdown has intensified recently. Turnover dropped early in the year, followed by a decline in prices in April that did not rebound in May.
- We are looking for a turnaround in the housing market following a dramatic drop in fixed mortgage rates and the cancellation of capital gains tax.
- If that's correct, we ought to see house sales picking up a bit in June but it is too early to expect any lift in prices.

#### NZ May retail card spending

Jul 11, Last: -0.5%, WBC f/c: +0.7%

- Retail spending fell by 0.5% in May. That fall was wide-spread across retail categories. In part, that decline may have been due to the continued high level of petrol prices which has siphoned money out of households' wallets and constrained spending in other areas. There has also been a flattening off of households' spending on durable items, which likely reflects the softening in the housing market over the past year.
- With petrol prices easing a bit over the past month, we expect some pick up in core (ex-fuel) categories. We expect that will see retail spending rising by 0.7% in May. Lingering softness in the housing market remains a drag.



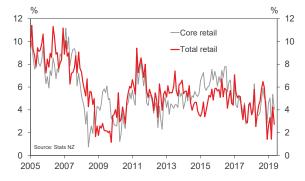
### Aus Jul Westpac-MI Consumer Sentiment

Aus Consumer Sentiment Index

- The Westpac Melbourne Institute Index dipped 0.6% to 100.7 in June from 101.3 in May. The small decline came despite a cut in official interest rates, the detail indicating deepening concerns about the economic outlook outweighed the boost from lower rates.
- The July survey is in the field over the week to July 6. Policy will again be a factor with the RBA cutting rates by a further 25bps at its July 2 meeting and the Federal government's tax package passing through Parliament. Other developments that may play positively for sentiment include: more signs that the Sydney and Melbourne housing markets are starting to stabilise and some calming in the US-China trade dispute. Financial markets have seen strong gains over the last month, the ASX surging 4.3% and the S&P500 hitting fresh record highs.

#### index index 130 130 120 120 110 110 100 100 90 90 80 80 70 70 Jun-03 Jun-11 Jun-07 Jun-15 Jun-19

#### Card transactions, annual % change

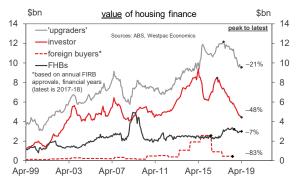


#### Aus May housing finance (no.) Jul 11, Last: -1.1%, WBC f/c: -1.5%

Mkt f/c: -1.0%, Range: -3.0% to 1.0%

- The total number of owner occupier loan approvals ex refi declined 1.1% in April following a 2.6% fall in March. Notably, the total value of approvals was somewhat firmer and more consistent with the notion that key markets were starting to stabilise through the middle of the year. The value of investor loans ex refi fell 2.2% mth, coming off a similar-sized decline in March. The monthly tempo of falls in this segment has eased from the 4% pace seen over the second half of last year but is still a long way from stabilisation.
- Industry data covering the major banks points to a further decline in May – we expect 1.5% falls in both the number and value of owner occupier loans ex refi.

#### Aus housing finance approvals by segment



# **New Zealand forecasts**

Economic Forecasts		Quai	rterly		Annual			
Economic Forecasts		20	019					
% change	Mar (a)	Jun	Sep	Dec	2018	2019f	2020f	2021f
GDP (Production)	0.6	0.4	0.6	0.8	2.9	2.3	3.0	2.4
Employment	-0.2	0.8	0.3	0.3	2.3	1.3	2.0	1.8
Unemployment Rate % s.a.	4.2	4.3	4.3	4.2	4.3	4.2	3.9	3.7
СРІ	0.1	0.7	0.8	0.3	1.9	1.9	1.9	2.1
Current Account Balance % of GDP	-3.6	-3.4	-3.4	-3.4	-3.8	-3.4	-3.4	-3.6

Financial Forecasts	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20
Cash	1.25	1.25	1.25	1.25	1.25	1.50
90 Day bill	1.40	1.40	1.40	1.40	1.55	1.65
2 Year Swap	1.25	1.30	1.40	1.50	1.60	1.70
5 Year Swap	1.40	1.50	1.60	1.70	1.80	1.90
10 Year Bond	1.55	1.60	1.65	1.75	1.85	1.90
NZD/USD	0.65	0.65	0.65	0.66	0.66	0.66
NZD/AUD	0.96	0.96	0.98	0.99	0.99	0.99
NZD/JPY	68.9	68.3	69.6	71.0	72.4	73.0
NZD/EUR	0.57	0.57	0.58	0.58	0.59	0.59
NZD/GBP	0.52	0.52	0.52	0.52	0.51	0.51
TWI	71.8	71.6	72.0	72.5	72.4	72.1

#### 2 Year Swap and 90 Day Bank Bills



### NZ interest rates as at market open on 8 July 2019

Interest Rates	Current	Two weeks ago	One month ago
Cash	1.50%	1.50%	1.50%
30 Days	1.63%	1.61%	1.66%
60 Days	1.63%	1.60%	1.64%
90 Days	1.62%	1.58%	1.63%
2 Year Swap	1.31%	1.29%	1.42%
5 Year Swap	1.38%	1.35%	1.55%

#### NZD/USD and NZD/AUD



#### NZ foreign currency mid-rates as at 8 July 2019

Exchange Rates	Current	Two weeks ago	One month ago
NZD/USD	0.6625	0.6584	0.6662
NZD/EUR	0.5904	0.5787	0.5887
NZD/GBP	0.5288	0.5169	0.5234
NZD/JPY	71.80	70.68	72.34
NZD/AUD	0.9498	0.9498	0.9507
тwi	72.74	72.11	73.23

# Data calendar

		Last		Westpac forecast	Risk/Comment
Mon O	3				
Aus	Jun ANZ job ads	-8.4%	-	-	Job ads now down –15%yr pointing to employment stalling.
Eur	Jul Sentix investor confidence	-3.3	-	-	Sentiment dipped back again after trade dispute flare up.
US	May consumer credit	17.5	15.0	-	Lower rates providing support, as is the labour market.
Tue 09					
Aus	Jun NAB business survey	1	-	-	May, conditions –2pts to only +1. In June, a post election bounce?
Chn	Jun M2 money supply %yr	8.5%	8.6%	-	Credit growth is slowly strengthening
	Jun new loans, CNYbn	1180	1658	-	as SoEs and local government authorities up investment.
US	Jun NFIB small business optimism	105.0	-	-	Small business remains very positive on outlook.
	May JOLTS job openings	7449	-	-	Hires; fires; quits and job openings.
	Fedspeak	-	-	-	Bullard and Bostic speak at an event at Washington Uni.
Wed 10					
NZ	Jun food price index	0.7%	-	0.9%	Boosted by higher prices for produce.
	Jun REINZ house sales	-0.2%	-	-	The housing market has remained soft in mid–2019
	Jun REINZ house prices, %yr	1.8%	-	-	with weakness in sales and a cooling in price growth.
Aus	Jul WBC-MI Consumer Sentiment	100.7	-	-	Survey in field over week to Jul 6. Cash rate cut to be a factor.
Chn	Jun CPI %yr	2.7%	2.7%	-	Inflation pressures remain benign
	Jun PPI %yr	0.6%	0.3%	-	particularly upstream.
JK	May GDP	-0.4%	0.2%	-	Growth remains sluggish
	May industrial production	-2.7%	0.8%	-	with headwinds from Brexit–related uncertainty
	May trade balance £bn	-2740	-3200	-	and softening global activity.
US	May wholesale inventories final	0.4%	0.4%	-	Continue to support growth.
	Fed Chair Powell speaks	-	-	-	Semi–annual testimony before the House.
	Jun FOMC minutes	-	-	-	Further detail on balance of risks and trigger for cut.
	Fedspeak	-	-	-	Bullard at Washington Uni.
Thu 11					
NZ	Jun retail card spending	-0.5%	0.7%	0.7%	Spending growth has flattened off though H1 2019.
	RBNZ Governor Orr	-	-	-	Speaking on phase 2 of the review of NZ monetary policy.
Aus	Jul MI inflation expectations	3.3%	-	-	Has been on a moderating trend since Feb 2019.
	May housing finance	-1.1%	-1.0%	-1.5%	Number of owner occupier approvals to decline 1.5%.
	RBA Dep. Gov. Debelle speaks	-	-	-	Via videolink to FX conference in NY, 11:10 pm AEST.
Chn	Jun foreign direct investment %yr	8.5%	-	-	Foreign investment necessary to build long-term capacity.
Eur	Jun ECB minutes	-	-	-	Easing bias was strengthened two weeks after June meeting.
US	Jun CPI	0.1%	0.0%	0.1%	Core inflation to remain at 2.0% target in June.
	Initial jobless claims	221k	-	-	Remain very low.
	Jun monthly budget statement	-207.8	-	-	Deficit to continue growing.
	Fed Chair Powell speaks	_	_	-	Semi–annual testimony before the House.
	Fedspeak	-	-	-	Williams on revitalisation; Bostic on policy; Barkin in Idaho.
Fri 12					
NZ	Jun BusinessNZ manuf. PMI	50.2	-	-	Businesses continue to highlight sluggish trading conditions.
Chn	Jun trade balance USDbn	41.7	45.0	-	Tariff pull–forward at an end.
Eur	May industrial production %yr	-0.4%	-1.6%	-	Manufacturing remains in contraction.
US	Jun PPI	0.1%	0.1%	-	Upstream price pressures non existent.
	Fedspeak	-	_	-	Kashkari at townhall event in South Dakota.

# **International forecasts**

Economic Forecasts (Calendar Years)	2015	2016	2017	2018f	2019f	2020f
Australia						
Real GDP % yr	2.5	2.8	2.4	2.8	1.8	2.4
CPI inflation % annual	1.7	1.5	1.9	1.8	1.8	1.6
Unemployment %	5.8	5.7	5.5	5.0	5.4	5.6
Current Account % GDP	-4.7	-3.1	-2.6	-2.1	-0.3	-1.2
United States						
Real GDP %yr	2.9	1.6	2.2	2.9	2.4	1.8
Consumer Prices %yr	0.1	1.4	2.1	2.4	1.8	1.9
Unemployment Rate %	5.3	4.9	4.4	3.9	3.5	3.5
Current Account %GDP	-2.3	-2.3	-2.3	-2.6	-2.5	-2.4
Japan						
Real GDP %yr	1.2	0.6	1.9	0.8	0.7	0.4
Euro zone						
Real GDP %yr	2.1	2.0	2.4	1.8	1.2	1.4
United Kingdom						
Real GDP %yr	2.3	1.8	1.8	1.4	1.4	1.4
China						
Real GDP %yr	6.9	6.7	6.8	6.6	6.1	6.0
East Asia ex China						
Real GDP %yr	3.8	4.0	4.6	4.3	4.0	4.0
World						
Real GDP %yr	3.4	3.4	3.8	3.6	3.3	3.4
Forecasts finalised 5 July 2019						

Interest Rate Forecasts	Latest	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20
Australia							
Cash	1.00	1.00	0.75	0.75	0.75	0.75	0.75
90 Day BBSW	1.13	1.10	1.00	1.00	1.00	1.00	1.00
10 Year Bond	1.28	1.30	1.40	1.45	1.60	1.70	1.75
International							
Fed Funds	2.375	2.125	1.875	1.875	1.875	1.875	1.875
US 10 Year Bond	1.94	2.00	2.05	2.10	2.20	2.25	2.30
ECB Deposit Rate	-0.40	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50

Exchange Rate Forecasts	Latest	Sep-19	Dec-19	Mar-20	Jun-20	Sep-20	Dec-20
AUD/USD	0.7025	0.68	0.68	0.66	0.66	0.67	0.67
USD/JPY	107.85	106	105	107	108	109	110
EUR/USD	1.1281	1.14	1.14	1.13	1.13	1.12	1.12
GBP/USD	1.2584	1.26	1.25	1.26	1.27	1.29	1.30
AUD/NZD	1.0514	1.05	1.04	1.02	1.01	1.01	1.01

## **Contact the Westpac economics team**

 Dominick Stephens, Chief Economist +64 9 336 5671

 Michael Gordon, Senior Economist +64 9 336 5670

 Satish Ranchhod, Senior Economist +64 9 336 5668

 Anne Boniface, Senior Economist +64 9 336 5669

 Paul Clark, Industry Economist +64 9 336 5656

Any questions email: economics@westpac.co.nz

Past performance is not a reliable indicator of future performance. The forecasts given in this document are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The ultimate outcomes may differ substantially from these forecasts.

# Disclaimer

#### Things you should know

Westpac Institutional Bank is a division of Westpac Banking Corporation ABN 33 007 457 141 ('Westpac').

#### Disclaimer

This material contains general commentary, and market colour. The material does not constitute investment advice. Certain types of transactions, including those involving futures, options and high vield securities give rise to substantial risk and are not suitable for all investors. We recommend that you seek your own independent legal or financial advice before proceeding with any investment decision. This information has been prepared without taking account of your objectives, financial situation or needs. This material may contain material provided by third parties. While such material is published with the necessary permission none of Westpac or its related entities accepts any responsibility for the accuracy or completeness of any such material. Although we have made every effort to ensure the information is free from error, none of Westpac or its related entities warrants the accuracy, adequacy or completeness of the information, or otherwise endorses it in any way. Except where contrary to law, Westpac and its related entities intend by this notice to exclude liability for the information. The information is subject to change without notice and none of Westpac or its related entities is under any obligation to update the information or correct any inaccuracy which may become apparent at a later date. The information contained in this material does not constitute an offer, a solicitation of an offer, or an inducement to subscribe for, purchase or sell any financial instrument or to enter a legally binding contract. Past performance is not a reliable indicator of future performance. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The ultimate outcomes may differ substantially from these forecasts

#### **Country disclosures**

**Australia:** Westpac holds an Australian Financial Services Licence (No. 233714). This material is provided to you solely for your own use and in your capacity as a wholesale client of Westpac.

New Zealand: In New Zealand, Westpac Institutional Bank refers to the brand under which products and services are provided by either Westpac or Westpac New Zealand Limited ("WNZL"). Any product or service made available by WNZL does not represent an offer from Westpac or any of its subsidiaries (other than WNZL). Neither Westpac nor its other subsidiaries guarantee or otherwise support the performance of WNZL in respect of any such product. The current disclosure statements for the New Zealand branch of Westpac and WNZL can be obtained at the internet address www. westpac.co.nz. For further information please refer to the Product Disclosure Statement (available from your Relationship Manager) for any product for which a Product Disclosure Statement is required, or applicable customer agreement. Download the Westpac NZ QFE Group Financial Advisers Act 2008 Disclosure Statement at www.westpac.co.nz.

China, Hong Kong, Singapore and India: This material has been prepared and issued for distribution in Singapore to institutional investors, accredited investors and expert investors (as defined in the applicable Singapore laws and regulations) only. Recipients in Singapore of this material should contact Westpac Singapore Branch in respect of any matters arising from, or in connection with, this material. Westpac Singapore Branch holds a wholesale banking licence and is subject to supervision by the Monetary Authority of Singapore. Westpac Hong Kong Branch holds a banking license and is subject to supervision by the Hong Kong Monetary Authority. Westpac Hong Kong branch also holds a license issued by the Hong Kong Securities and Futures Commission (SFC) for Type 1 and Type 4 regulated activities. This material is intended only to "professional investors" as defined in the Securities and Futures Ordinance and any rules made under that Ordinance. Westpac Shanghai and Beijing Branches hold banking licenses and are subject to supervision by the China Banking Regulatory Commission (CBRC). Westpac Mumbai Branch holds a banking license from Reserve Bank of India (RBI) and subject to regulation and supervision by the RBI.

**UK:** The contents of this communication, which have been prepared by and are the sole responsibility of Westpac Banking Corporation London and Westpac Europe Limited. Westpac (a) has its principal place of business in the United Kingdom at Camomile Court, 23 Camomile Street, London EC3A 7LL, and is registered at Cardiff in

# **Disclaimer** continued

the UK (as Branch No. BRO0106), and (b) authorised and regulated by the Australian Prudential Regulation Authority in Australia. Westpac is authorised in the United Kingdom by the Prudential Regulation Authority. Westpac is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from us on request. Westpac Europe Limited is a company registered in England (number 05660023) and is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority.

This communication is being made only to and is directed at (a) persons who have professional experience in matters relating to investments who fall within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order") or (b) high net worth entities, and other persons to whom it may otherwise lawfully be communicated, falling within Article 49(2)(a) to (d) of the Order (all such persons together being referred to as "relevant persons"). Any person who is not a relevant person should not act or rely on this communication or any of its contents. The investments to which this communication relates are only available to and any invitation, offer or agreement to subscribe, purchase or otherwise acquire such investments will be engaged in only with, relevant persons. Any person who is not a relevant person should not act or rely upon this communication or any of its contents. In the same way, the information contained in this communication is intended for "eligible counterparties" and "professional clients" as defined by the rules of the Financial Conduct Authority and is not intended for "retail clients". With this in mind, Westpac expressly prohibits you from passing on the information in this communication to any third party. In particular this communication and, in each case, any copies thereof may not be taken, transmitted or distributed, directly or indirectly into any restricted jurisdiction. This communication is made in compliance with the Market Abuse Regulation (Regulation(EU) 596/2014).

#### Investment Recommendations Disclosure

The material may contain investment recommendations, including information recommending an investment strategy. Reasonable steps have been taken to ensure that the material is presented in a clear, accurate and objective manner. Investment Recommendations for Financial Instruments covered by MAR are made in compliance with Article 20 MAR. Westpac does not apply MAR Investment Recommendation requirements to Spot Foreign Exchange which is out of scope for MAR.

Unless otherwise indicated, there are no planned updates to this Investment Recommendation at the time of publication. Westpac has no obligation to update, modify or amend this Investment Recommendation or to notify the recipients of this Investment Recommendation should any information, including opinion, forecast or estimate set out in this Investment Recommendation change or subsequently become inaccurate.

Westpac will from time to time dispose of and acquire financial instruments of companies covered in this Investment Recommendation as principal and act as a market maker or liquidity provider in such financial instruments.

Westpac does not have any proprietary positions in equity shares of issuers that are the subject of an investment recommendation.

Westpac may have provided investment banking services to the issuer in the course of the past 12 months.

Westpac does not permit any issuer to see or comment on any investment recommendation prior to its completion and distribution.

Individuals who produce investment recommendations are not permitted to undertake any transactions in any financial instruments or derivatives in relation to the issuers covered by the investment recommendations they produce.

Westpac has implemented policies and procedures, which are designed to ensure conflicts of interests are managed consistently and appropriately, and to treat clients fairly.

The following arrangements have been adopted for the avoidance and prevention of conflicts in interests associated with the provision of investment recommendations.

- (i) Chinese Wall/Cell arrangements;
- (ii) physical separation of various Business/Support Units;
- (iii) and well defined wall/cell crossing procedures;
- (iv) a "need to know" policy;
- (v) documented and well defined procedures for dealing with conflicts of interest;
- (vi) steps by Compliance to ensure that the Chinese Wall/Cell arrangements remain effective and that such arrangements are adequately monitored.

U.S.: Westpac operates in the United States of America as a federally licensed branch, regulated by the Office of the Comptroller of the Currency. Westpac is also registered with the US Commodity Futures Trading Commission ("CFTC") as a Swap Dealer, but is neither registered as, or affiliated with, a Futures Commission Merchant registered with the US CFTC. Westpac Capital Markets, LLC ('WCM'), a wholly-owned subsidiary of Westpac, is a broker-dealer registered under the U.S. Securities Exchange Act of 1934 ('the Exchange Act') and member of the Financial Industry Regulatory Authority ('FINRA'). This communication is provided for distribution to U.S. institutional investors in reliance on the exemption from registration provided by Rule 15a-6 under the Exchange Act and is not subject to all of the independence and disclosure standards applicable to debt research reports prepared for retail investors in the United States. WCM is the U.S. distributor of this communication and accepts responsibility for the contents of this communication. All disclaimers set out with respect to Westpac apply equally to WCM. If you would like to speak to someone regarding any security mentioned herein, please contact WCM on +1 212 389 1269. All disclaimers set out with respect to Westpac apply equally to WCM.

Investing in any non-U.S. securities or related financial instruments mentioned in this communication may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to the regulations of, the SEC in the United States. Information on such non-U.S. securities or related financial instruments may be limited. Non-U.S. companies may not subject to audit and reporting standards and regulatory requirements comparable to those in effect in the United States. The value of any investment or income from any securities or related derivative instruments denominated in a currency other than U.S. dollars is subject to exchange rate fluctuations that may have a positive or adverse effect on the value of or income from such securities or related derivative instruments.

The author of this communication is employed by Westpac and is not registered or qualified as a research analyst, representative, or associated person under the rules of FINRA, any other U.S. selfregulatory organisation, or the laws, rules or regulations of any State. Unless otherwise specifically stated, the views expressed herein are solely those of the author and may differ from the information, views or analysis expressed by Westpac and/or its affiliates.