

Dairy Scary

Although the New Zealand economy recorded solid growth in the latter half of 2015 on the shoulders of strong population growth, the outlook over the coming year is decidedly mixed. This was underscored last week by the quarterly NZIER Business Opinion survey which suggested firms are becoming more concerned about the impact of the dairy downturn beyond the agricultural sector. However, the survey did not signal any change to the inflation backdrop, as firms continue to struggle to see opportunities to lift prices.

The Quarterly Survey of Business Opinion offers one of the most timely and comprehensive reads on the New Zealand economy. So it is worth taking a close look at some of the details in the March survey.

The survey showed business confidence fell in the March quarter, descending well below the average of the last few years. On its own this result was not too surprising – other confidence measures have also tracked lower in the first few months of this year. But dig beneath the headlines, and it is not hard to find evidence that firms expect the conditions they face to become decidedly more challenging this year.

When asked about how their own firm's trading activity had fared over the last three months, businesses reported little change in activity relative to December. This was a bit more upbeat than we expected, and warranted a small upgrade of our Q1 GDP growth forecast to 0.6%.

But it was quite a different story when businesses were quizzed about how they expect their own activity to fare in the coming three months. This measure plunged to its lowest level since March 2011 (in the aftermath of the Canterbury earthquakes). The key influence on this change in sentiment is likely to be the dairy downturn, as firms assess what the hit to dairy farmers' incomes means for both the New Zealand economy and their own businesses.

It is worth noting that this survey does not cover the agriculture sector directly. Instead it is a reflection of how firms in the manufacturing, construction, retailing and service sectors see the agricultural sectors woes impacting their own operations.

Dairy farmers themselves actually received a sliver of good news at last week's GlobalDairyTrade auction. Dairy prices lifted 2.1%, largely unwinding the fall from the previous auction. And while any improvement in prices is likely to be welcomed by the embattled dairy sector, our view remains that prices are set to kick around near current low levels for some time yet. The conditions required to generate a sustained (albeit modest) lift in prices, namely slower growth in global supply and firmer demand, will not be in place until late 2016. We continue to forecast a \$4.60 milk price for next season.

We have had some interesting insights on the labour market in the last week. Solid economic activity over the last couple of years has supported strong employment growth. However, a feature of this employment growth has been that it has come without significant upward pressure on wages. This was a topic addressed in some detail this week in a speech by Reserve Bank Deputy Governor Geoff Bascand which waded into the often muddy waters of the New Zealand labour market.

Dairy Scary continued

The speech attributed the lack of upward pressure on wages to strong growth the labour force via the combination of rapid population growth and increasing participation. This adds to the supply of labour, reducing the degree of stretch in the labour market and limiting the upward pressure on wages.

From the Reserve Bank's perspective, understanding the degree of stretch in the labour market is important for understanding overall inflation pressures in the economy. And the speech introduced another tool which helps the RBNZ do just this. The Labour Utilisation Complex Index (LUCI) is calculated by combining 17 labour market variables (official Statistics NZ labour data as well as surveys and data on the number of job seekers) into a summary measure of the labour market which then varies with the business cycle. When this index is above zero, it indicates a greater degree of labour market tightness than unusual, and when it is below zero a greater degree of labour market slack. A higher LUCI is associated with stronger wage growth. The index is currently sitting around zero, consistent with little pressure on wages either way.

However, very recent data, namely last week's QSBO survey, along with our own Westpac McDermott Miller Employment Confidence Survey, provide some hints that the labour market may be tightening. Firms reported that they were finding it a little more difficult to find skilled labour, and that they were more likely to see labour as a constraint on growth. Meanwhile households are reporting

QSBO domestic trading activity



they are more optimistic about future employment conditions than they were three months ago.

The labour market will continue to be an important consideration in monetary policy decisions going forward. Strong real wage growth and high levels of employment will likely continue to provide support to consumer spending this year. However, employment prospects are likely to deteriorate as GDP growth slows significantly over the course of 2017 and beyond, and the Canterbury rebuild winds down. Another reason we are considering the possibility that the OCR could go below 2% at that time.

Fixed vs Floating for mortgages

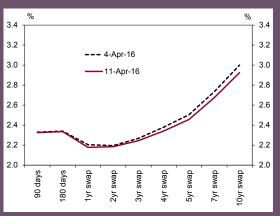
With short-term interest rates likely to fall further, borrowers should feel in no hurry to fix.

Longer-term fixed rates do offer the benefit of stability, but even those looking to fix may want to wait a while longer.

For borrowers with a deposit of 20% or more, the best value probably continues to lie in the two-year ahead and three-year ahead terms. Four- and five-year rates still seem high relative to where we think shorter-term rates are going to go over the next four or five years.

Floating mortgage rates usually work out to be more expensive for borrowers than short-term fixed rates, such as the six-month rate. However, floating may still be the preferred option for those who require flexibility in their repayments.

NZ interest rates



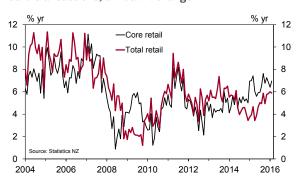
The week ahead

NZ Mar retail card spending

Apr 11, last: +0.7%, WBC: f/c -0.1%

- Overall retail spending was up 0.7% in February, with core spending (which excludes the volatile motor vehicle and fuel categories) up a very healthy 1.2%. Combined with earlier solid gains, that left the level of retail spending up 5.6% over the past year.
- We expect March's figures to reveal a modest easing back in spending. In part, this is because growing concern around conditions in the agricultural sector will put a bit of a dampener on confidence and spending. In addition, increases in petrol prices will limit households' spending on other goods and services.

Card transactions, annual % change

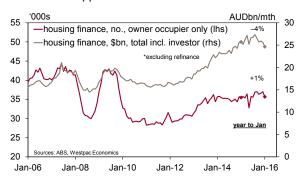


Aus Feb housing finance (no.)

Apr 11, Last: -3.9%, WBC f/c: 1.0% Mkt f/c: 2.0%, Range: 1.0% to 3.0%

- The Jan housing finance approvals report was uniformly weak with owner occupier loans down 3.9%, the value of investor loans down 1.6%mth and the total value of all loans down 3.4%mth. It should be noted that housing data is much less reliable in January due to the Christmas holiday period.
- Industry figures suggest owner occupier approvals firmed a touch in Feb, albeit with a sharp pull-back in loans for the purchase of 'newly erected' dwellings (which despite the name includes 'off the plan' purchases of dwellings yet to be built). We expect Feb to show the owner occupier finance approvals up 1%. The more meaningful statistic though will continue to be the broader 'total value of loans' measure which includes investor loans. Some stabilisation here seems likely given the somewhat firmer start to 2016 for housing markets.

New finance approvals*



NZ Mar REINZ house prices and sales

Apr 11-14 (tbd), Sales last: -3.3%%, Prices last: 1.6%

- The housing market has cooled since the batch of new regulations aimed at property investors came into force last October. House sales have fallen from their pre-regulation peaks, particularly in Auckland and the nearby regions.
- We may see some stabilisation in sales in March. Mortgage approvals have been strong in recent weeks, and anecdotally auction clearance rates have improved.
- Auckland house prices initially saw a sharp drop after the new regulations, but have risen since then, albeit at a much more sustainable pace than before. However, prices in the rest of the country have been gaining momentum, supported by low mortgage rates and a loosening of lending restrictions.

REINZ house prices and sales

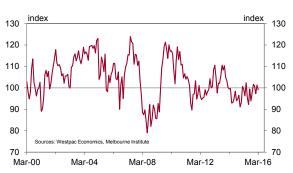


Aus Apr Westpac-MI Consumer Sentiment

Apr 13 Last: 99.1

- The Westpac-Melbourne Institute Consumer Sentiment Index slipped 2.2% in March to 99.1 from 101.3 in February. The Index is back to around its average reading over the last 6mths but has held on to most of the lift seen late last year.
- The April survey is in the field over the week ended April 9. Factors that may influence sentiment include: a further rise in the AUD (up 2¢ since the March survey to 75½¢ US); a mixed month for equity markets (up offshore but the local ASX down 2.8% vs March); but a firmer start to the year for the Sydney and Melbourne housing markets. Political developments may also be a factor in April with the PM indicating an early 'double dissolution' election is now likely in July.

Consumer Sentiment Index



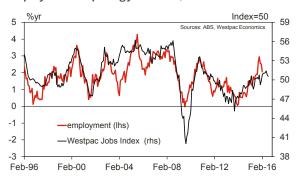
The week ahead

Aus Mar employment change

Apr 14, Last: -0.3k, WBC f/c: 25k Mkt f/c: 18.5k, Range: flat to 40k

- In Feb, total employment rose just 0.3k compared to a market median of +12.5k and a range of –3k to +25k. Westpac's forecast was for +10k. That is an average of -2.2k per month over the last
- Total employment has grown 239.4k (or 2.1%yr) in the year to Feb which is more in line with leading indicators. The pace peaked at 2.9% (340.2k) in Nov and the recent low was 1.6%yr (185.3k) in Jun 2015.
- The Feb Survey was the third soft monthly update and brought the annual growth pace in total employment more in line with our preferred leading indicators. Our forecast for a 25k rise in Mar will hold the annual pace at 2.0%yr.

Employment outpacing jobs index, a rare event

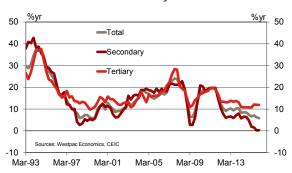


Chn Q1 GDP

Mar 15, Last: 6.8%yr, WBC 6.8%yr

- Chinese real GDP surprised to the downside in Q4, rising 1.6% against the market's 1.8% expectation. Annual growth edged lower to 6.8%.
- As was the case throughout 2015, weakness in current momentum was more apparent in the nominal data, through the year growth slowing to a 5.8%yr pace in Q4, from 6.2%yr in Q3 and 7.1%yr in Q2. The deflator was weak in Q4, -1.0%yr.
- There remains a significant divergence between services sector activity (11.7%yr) and that of secondary industry (1.0%yr). This theme will persist in 2016.
- Come Q1, another soft quarterly outcome is anticipated we expect a 1.4% gain. But the base effect should flatter annual growth, with it likely unchanged from Q4's 6.8%yr.

Nominal Chinese GDP: total & by broad sector

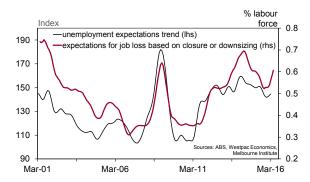


Aus Mar unemployment rate

Apr 14, Last: 5.8%, WBC f/c: 6.0% Mkt f/c: 5.9%, Range: 5.8% to 6.0%

- The big surprise in the Feb Survey was the drop in the participation rate from 65.14% to 64.90%. The largest sources of the drop by state were Qld (60.5% from 60.7%) and WA (60.5% from 61.1%). This, along with the very soft labour force prints in those states suggests there may have been some sample roll issues in the Feb survey.
- Westpac is expecting a bit of rebound in both employment and participation this month, in particular from Qld and WA. Our forecast for a 0.2ppt lift in the participation rate to 65.1% puts it back on a par with the Jan and Dec prints and effectively adds 58k to labour force. As such, our forecast for a robust 25k lift in employment is not enough to prevent the unemployment rate rising 0.2ppts to 6.0%.

Unemployment expectations rising again

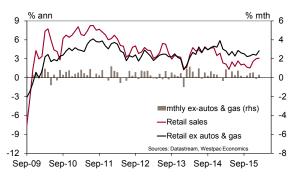


US Mar retail sales

Mar 13, Last: -0.1%, WBC 0.2%

- Consumption data for the US has been a material disappointment
- The headline outcomes have been particularly weak, a 0.1% fall in February following January's 0.4% decline, and leaving annual growth at 3.1%yr.
- Sure enough, this weakness has, in large part, been due to energy prices. However, recent core retail sales momentum is best regarded as flat, a 0.3% rise in February offsetting January's 0.1% decline, leaving annual growth at 4.3%yr.
- Come March, a little more momentum is expected, with gas likely to have a limited impacted on the headline outcome. Auto's however are expected to partially offset some of the momentum in core sales: a still-modest headline result of around 0.2% is then the most likely outcome.

US retail sales, momentum firms



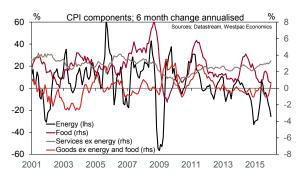
The week ahead

US Mar CPI

Mar 14, Last: -0.2%, WBC 0.2%

- Although the focus has remained on soft headline inflation, 1.0%yr at February, core inflation pressures have continued to build steadily in recent months.
- Ex food & energy, prices rose 0.3% in February, leaving annual growth at a robust 2.3%yr.
- Underlying this result is persistent strength in services inflation, brought about by robust rent increases as well as acceleration inflation for health and food & accomodation services.
- While we do not expect the pace of annual core inflation to continue to press ahead, it will remain above the FOMC's mediumterm target for the forseeable future. In March, both the headline and core CPI should rise by 0.2%, with energy and food prices broadly neutral.

Energy prices stabilising; USD impact to lessen



Data calendar

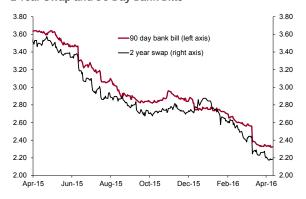
		Last		Westpac forecast	Risk/Comment
Mon 11					
NZ	Mar electronic card spending	0.7%	0.3%	-0.1%	Some pullback following firm gains earlier in the quarter.
	Mar REINZ house sales	-3.3%	-	-	Due this week. Sales may be stabilising after post-regulation drop.
	Mar REINZ house price	1.6%	-	-	House prices flattened out in Auckland, but strengthening elsewhere.
Aus	Feb housing finance	-3.9%	2.0%	1.0%	Headline is owner-occupier loans only. Investors driving current slowdowr
Chn	Mar CPI %yr	2.3%	2.4%	-	Price pressures remain benign
	Mar PPI %yr	-4.9%	-4.6%	-	commodity prices and secondary sector slack suppressing upstrear
US	Fedspeak	-	_	_	Dudley and Kaplan.
Tue 12	·				
Aus	Mar NAB business survey	8	_	_	In Feb, conditions partial rebound, 2pts to +8, an above avg level.
Ger	Mar CPI (final)	0.8%	0.8%	_	Despite historically low unemployment, inflation pulse weak.
UK	Mar CPI	0.2%	0.3%	_	Headline low, core firmer but upward pressure still very limited.
	Feb ONS house prices (% yr)	7.9%			Dated relative to other measures. Remains firm.
US	Mar NFIB small business optimism	92.9	93.8	_	Conditions mixed for small business, by region and sector.
	Mar import price index	-0.3%			USD strength has had material impact; so too commodities.
	Mar monthly budget statement	-192.6			Household income & capital gains supporting revenues.
	Fedspeak	102.0	- 00.0	_	Harker on outlook; Williams and Lacker also.
Wed 13					Harker off outdook, Williams and Eacher also.
NZ	Mar food price index	-0.6%	_	-0.5%	Food prices falling on an annual basis.
Aus	Apr Westpac-MI Consumer Sentiment	99.1			'Neutral' national read conceals wide range of sentiment across states
Chn	Mar trade balance USDbn				Trade has been very weak; little improvement anticipated in Mar.
		32.59 2.1%			
Eur	Feb industrial production Mar retail sales				A weaker EUR would be appreciated across the Continent. Revisions to O1 data to date have shown weaker momentum.
US		-0.1%			
	Mar PPI	-0.2%			Input cost inflation has lifted in recent months.
	Feb business inventories	0.1%	0.1%	_	Inventory outcomes for Q1 soft.
0	Federal Reserve's Beige book	- 0.00/			Conditions across the Fed regions.
Can	Mar Teranet house prices	0.6%			House price inflation remains moderate.
	Bank of Canada policy decision	0.50%	0.50%	0.50%	Activity continuing to rotate away from commodities.
Thu 14		=			
NZ	Mar BusinessNZ manufacturing PMI	56.0	_		Signs of nervousness have crept into the manufacturing sector.
Aus	Apr MI inflation expectations	3.4%			Down from a recent peak of 4.0%yr holding the trend at 3.6%yr.
	Mar employment	0.3k		2011	0 0 0
	Mar unemployment rate	5.8%			a lift in the part-rate back to the Jan level will see unemployment rise
Eur	Mar CPI %yr	-0.2%			Core pressures contained at 1.0%yr.
UK	Bank of England policy decision	0.50%	0.50%	0.50%	BoE to remain on hold; global environment a key concern.
	Mar RICS house price balance	50%	_	-	Demand firm, rush to beat stamp duty increase boosting sales.
US	Initial jobless claims	267k			Claims historically low.
	Mar CPI	-0.2%	0.2%	0.2%	Marked distinction between headline and core inflation.
	Fedspeak	_			Powell before Senate Banking Committee; also Lockhart.
Can	New housing price index	0.1%	-	-	Has remained subdued.
Fri 15					
Aus	RBA Financial Stability Review	_	_	_	Half yearly update. Banking system remains sound.
Chn	Mar industrial production %yr	5.4%	5.9%	-	PMIs starting to show a little more momentum.
	Mar retail sales %yr	10.2%	10.4%	-	Chinese consumer remains wary of outlook.
	Mar fixed asset investment ytd %yr	10.2%	10.3%	-	Investment pipeline remains modest.
	Q1 GDP %yr	6.8%	6.7%	6.8%	
Eur	Feb trade balance €bn	21.2			A weaker EUR would be appreciated across the Continent.
UK	Feb construction output	-0.2%	_	_	Construction spending has been sluggish despite low rates.
US	Apr Fed Empire state index	0.6		-	Manufacturing conditions have firmed in recent months.
	Mar industrial production	-0.5%			Remains weak.
	Apr Uni. of Michigan sentiment	91			Uni. Of Michigan measure.
	Fedspeak	_	_	_	Evans speaks on economy and policy.

New Zealand forecasts

Economic Growth Forecasts		March years				Calendar years			
% change	2014	2015	2016f	2017f	2014	2015	2016f	2017f	
GDP (Production) ann avg	2.7	3.6	2.4	2.8	3.7	2.5	2.8	2.6	
Employment	3.8	3.2	1.4	2.5	3.6	1.4	2.7	1.5	
Unemployment Rate % s.a.	6.0	5.8	5.8	5.6	5.8	5.3	5.6	5.9	
СРІ	1.5	0.3	0.3	1.1	0.8	0.1	0.7	2.2	
Current Account Balance % of GDP	-2.5	-3.4	-3.2	-3.4	-3.1	-3.1	-3.4	-3.7	

Financial Forecasts	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17
Cash	2.00	2.00	2.00	2.00	2.00	2.00
90 Day bill	2.10	2.10	2.10	2.10	2.10	2.10
2 Year Swap	2.10	2.10	2.10	2.10	2.10	2.10
5 Year Swap	2.60	2.70	2.80	2.90	3.00	3.10
10 Year Bond	3.00	3.10	3.20	3.40	3.50	3.60
NZD/USD	0.64	0.62	0.61	0.62	0.62	0.62
NZD/AUD	0.89	0.89	0.88	0.88	0.86	0.85
NZD/JPY	76.2	75.6	75.0	77.0	77.3	77.5
NZD/EUR	0.59	0.57	0.57	0.58	0.58	0.57
NZD/GBP	0.46	0.44	0.44	0.45	0.45	0.43
TWI	69.3	67.8	67.2	68.0	67.8	67.3

2 Year Swap and 90 Day Bank Bills



NZ interest rates as at market open on Monday 11 April 2016

Interest Rates	Current	Two weeks ago	One month ago
Cash	2.25%	2.25%	2.50%
30 Days	2.26%	2.30%	2.51%
60 Days	2.31%	2.32%	2.55%
90 Days	2.33%	2.34%	2.58%
2 Year Swap	2.19%	2.26%	2.44%
5 Year Swap	2.46%	2.58%	2.71%

NZD/USD and NZD/AUD



NZ foreign currency mid-rates as at Monday 11 April 2016

Exchange Rates	Current	Two weeks ago	One month ago
NZD/USD	0.6809	0.6729	0.6796
NZD/EUR	0.5968	0.6009	0.6179
NZD/GBP	0.4822	0.4721	0.4778
NZD/JPY	73.59	76.29	77.46
NZD/AUD	0.9024	0.8919	0.9173
TWI	72.12	71.86	73.26

International forecasts

Economic Forecasts (Calendar Years)	2012	2013	2014	2015f	2016f	2017f
Australia						
Real GDP % yr	3.5	2.0	2.6	2.5	2.8	2.8
CPI inflation % annual	2.2	2.7	1.7	1.7	1.9	2.2
Unemployment %	5.3	5.8	6.2	5.8	5.9	5.7
Current Account % GDP	-4.4	-3.4	-3.0	-4.6	-4.5	-4.3
United States						
Real GDP %yr	2.2	1.5	2.4	2.4	2.4	2.1
Consumer Prices %yr	2.1	1.5	1.6	0.1	1.3	1.7
Unemployment Rate %	8.1	7.4	6.2	5.3	4.7	4.5
Current Account %GDP	-2.9	-2.3	-2.2	-2.3	-2.3	-2.3
Japan						
Real GDP %yr	1.7	1.6	-0.1	0.6	1.1	0.7
Euroland						
Real GDP %yr	-0.8	-0.3	0.9	1.5	1.3	1.3
United Kingdom						
Real GDP %yr	0.7	1.7	3.0	2.5	2.3	2.1
China						
Real GDP %yr	7.7	7.7	7.3	6.9	6.5	6.2
East Asia ex China						
Real GDP %yr	4.6	4.2	4.1	3.6	3.9	4.2
World						
Real GDP %yr	3.4	3.3	3.4	3.0	3.4	3.5
Forecasts finalised 11 Mar 2016						

Interest Rate Forecasts	Latest	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17
Australia						
Cash	2.00	2.00	2.00	2.00	2.00	2.00
90 Day Bill	2.25	2.30	2.30	2.30	2.30	2.30
10 Year Bond	2.40	2.60	2.75	2.75	2.90	3.10
International						
Fed Funds	0.375	0.625	0.625	0.875	0.875	1.125
US 10 Year Bond	1.71	2.00	2.15	2.25	2.50	2.80
ECB Repo Rate	0.00	0.00	0.00	0.00	0.00	0.00

Exchange Rate Forecasts	Latest	Jun-16	Sep-16	Dec-16	Mar-17	Jun-17
AUD/USD	0.7536	0.72	0.70	0.69	0.70	0.72
USD/JPY	108.73	119	122	123	125	125
EUR/USD	1.1365	1.09	1.08	1.07	1.06	1.06
AUD/NZD	1.1103	1.13	1.13	1.13	1.14	1.17

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 David Norman, 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: Each time someone visits our site, data is captured so that we can accurately evaluate the quality of our content and make improvements for you. We may at times use technology to capture data about you to help us to better understand you and your needs, including potentially for the purposes of assessing your individual reading habits and interests to allow us to provide suggestions regarding other reading material which may be suitable for you.

If you are located in Australia, this material and access to this website is provided to you solely for your own use and in your own capacity as a wholesale client of Westpac Institutional Bank being a division of Westpac Banking Corporation ABN 33 007 457 141 AFSL 233714 ('Westpac'). If you are located outside of Australia, this material and access to this website is provided to you as outlined below.

This material and this website contain general commentary only and does not constitute investment advice. Certain types of transactions, including those involving futures, options and high yield 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 and this website 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 and this website 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. The forecasts given in this material and this website 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.

Transactions involving carbon give rise to substantial risk (including regulatory 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. Statements setting out a concise description of the characteristics of carbon units, Australian carbon credit units and eligible international emissions units (respectively) are available at www.cleanenergyregulator.gov.au as mentioned in section 202 of the Clean Energy Act 2011, section 162 of the Carbon Credits (Carbon Farming Initiative) Act 2011 and section 61 of the Australian National Registry of Emissions Units Act 2011. You should consider each such statement in deciding whether to acquire, or to continue to hold, any carbon unit, Australian carbon credit unit or eligible international emissions unit.

Additional information if you are located outside of Australia

New Zealand: The current disclosure statement for the New Zealand division of Westpac Banking Corporation ABN 33 007 457 141 or Westpac New Zealand Limited can be obtained at the internet address www.westpac.co.nz, Westpac Institutional Bank products and services are provided by either Westpac Banking Corporation ABN 33 007 457 141 incorporated in Australia (New Zealand division) or Westpac New Zealand Limited. 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: 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 activity.

Disclaimer continued

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.

U.K.: Westpac Banking Corporation is registered in England as a branch (branch number BR000106), and is authorised and regulated by the Australian Prudential Regulatory Authority in Australia. WBC is authorised in the United Kingdom by the Prudential Regulation Authority. WBC is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority in the United Kingdom. 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 material and this website and any information contained therein is directed at a) persons who have professional experience in matters relating to investments falling within Article 19(1) of the Financial Services Act 2000 (Financial Promotion) Order 2005 or (b) high net worth entities, and other persons to whom it may otherwise be lawfully communicated, falling within Article 49(1) of the Order (all such persons together being referred to as "relevant persons"). The investments to which this material and this website 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 material and this website or any of its contents. In the same way, the information contained in this material and this website is intended for "eligible counterparties" and "professional clients" as defined by the rules of the Financial Services Authority and is not intended for "retail clients". With this in mind, Westpac expressly prohibits you from passing on the information in this material and this website to any third party. In particular this material and this website, website content and, in each case, any copies thereof may not be taken, transmitted or distributed, directly or indirectly into any restricted jurisdiction.

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. 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 be 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

For the purposes of Regulation AC only: Each analyst whose name appears in this report certifies that (1) the views expressed in this report accurately reflect the personal views of the analyst about any and all of the subject companies and their securities and (2) no part of the compensation of the analyst was, is, or will be, directly or indirectly related to the specific views or recommendations in this report.